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BLOOMINGTON, ILLINOIS

CATALOGUE FOR 1902
ANNOUNCEMENTS FOR 1903

1902-1903 year

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CALENDAR, 1902 - 3.

1902.

- September 16, . . . Tuesday, **FIRST SEMESTER BEGINS.**
December 19, . . . Friday evening, Holiday recess begins.

1903.

- January 5, . . . Monday evening, Holiday recess ends.
January 29, . . . Thursday, Day of Prayer for Colleges. Exercises in Amie Chapel.
January 27-30, . . . Semester examinations.
January 30, . . . Friday evening, **FIRST SEMESTER ENDS.**
February 2, . . . Monday, **SECOND SEMESTER BEGINS.**
Enrollment 9 a.m. and 2 p.m.
February 3, . . . Tuesday, Class-work begins, 8 a.m.
February 23, . . . Monday evening, Second annual banquet.
April 3, . . . Friday evening, Spring recess begins.
April 13, . . . Monday evening, Spring recess ends.
May 8, . . . Friday, Oratorical Contest, 8 p.m.
June 4-9, . . . Semester Examinations.
June 7, . . . Sunday, Baccalaureate Sermon, 10:30 a. m.
June 7, . . . Annual address before the Christian Associations, 4 p.m.
June 8, . . . Monday, Annual exercises of the Preparatory School, 8 p.m., in Amie Chapel.
June 8, . . . Monday, Field Day, 2 p.m.
June 9, . . . Tuesday, Annual meeting of the Board of Trustees and Visitors, 2 p.m.
June 9, . . . Tuesday, Annual exercises of the School of Oratory, 2:30 p.m.
June 9, . . . Tuesday, Annual exercises of the College of Law, 8 p.m.

- June 10, . . . Wednesday, Farewell chapel, class of 1903,
8:30 a.m.
- June 10, . . . Wednesday, Address before the Twentieth Cen-
tury Guild, 10 a.m.
- June 10, . . . Wednesday, Annual exercises of the College
of Music, 2:30 p.m.
- June 10, . . . Wednesday, Alumni reunion and banquet,
8 p.m.
- June 11, . . . Thursday, Forty-third commencement, 9:30
a.m.
- June 11, . . . Thursday, President's reception, 8 p.m.
- June 11, . . . Thursday, **SECOND SEMESTER ENDS.**

VACATION.

- June 22, . . . Monday, Summer school begins, 8 a.m.
- July 31, . . . Friday, Summer school ends.

VACATION.

- September 15, . Tuesday, **FIRST SEMESTER BEGINS.** En-
trance examinations, enrollment 9 a.m.
and 2 p.m.
- September 15, . Tuesday, Law school opens.
- September 16, . Wednesday, Enrollment and assignment of
lessons, 8 a.m.
- September 16, . Wednesday, Matriculation address, 10:30 a.m.
- September 17, . Thursday, Class-work begins, 8 a.m.
- November 25, . Wednesday evening, Beginning of Thanksgiv-
ing recess.
- November 28, . Saturday evening, end of Thanksgiving recess.
- December 23, . Wednesday evening, Beginning of Holiday re-
cess.

1904.

- January 5, . . . Tuesday evening, End of Holiday recess.
- January 28, . . . Thursday, Day of Prayer for Colleges. Exer-
cises in Amie Chapel.
- January 29, . . . Friday, **FIRST SEMESTER ENDS.**

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Voice Culture and Singing.
- HENRY WILLIS NEWTON, Chicago
Voice Culture and Singing.

GENERAL STATEMENT.

Organization.—The University comprises the following colleges and schools:

- I. College of Letters. III. College of Law.
- II. Preparatory School. IV. College of Music.
- V. School of Oratory.

Each of these has a distinct organization and a faculty of its own; but all are under the management of the same board of trustees and visitors, and the President of the University has general supervision of all its departments.

COURSES OF STUDY.—The College of Letters presents to its undergraduate students the option of four parallel courses of study, each extending through four years, named respectively the Classical Course, the Latin-Scientific Course, the Scientific Course, and the English Course.

In the Classical Course, the study of Latin and Greek forms a large part of the required work of the first year, and must be continued during the second year. In the Latin-Scientific Course, Greek is omitted, and in the Scientific Course and the English Course both Greek and Latin are omitted in order to give more extended opportunity for the study of modern languages, science, and literature. In the Scientific Course, science predominates; and in the English, literature.

DEGREES.—The degrees conferred by the University are B. A., B. S., LL. B., M. A., Ph. D., and *very rarely* the honorary degrees of D. D. and LL. D. The Classical Course leads to the degree of B. A.; the Latin-Scientific, the Scientific, and the English to that of B. S.; and the Law, to that of LL. B. The graduate degrees of M. A. and Ph. D. are conferred only for work, the nature and extent of which will be stated on inquiry.

REQUIRED HOURS.—In each course of the College of Letters 128 semester hours are required for graduation. One hour per week for a semester constitutes a semester hour.

REQUIRED AND ELECTIVE STUDIES.—In each of the college courses, nearly all the studies of the first year are required. In the three remaining years, the amount of required work is progressively diminished, the student being allowed to complete his quota by selecting from a wide range of elective studies. He is expected, however, to regulate his choice so that his electives will together form an harmonious and symmetrical whole; and in no case is a student allowed to select a study which he is not, in the judgment of his adviser, qualified to pursue with advantage.

SPECIAL COURSES.—Students who do not desire to complete any one of the foregoing courses may receive instruction in such studies as they may select, provided they prove themselves, upon examination, qualified to pursue them with advantage.

ADVISERS.—Each student matriculating in the College of Letters is immediately assigned to an adviser, usually one of his teachers with whom he is to have a large amount of work, whose duty it is to guide him in the selection of studies and the general planning of his course. This adviser is to be regarded as a friend with whom he may consult freely and who will be ready to offer any counsel which may seem to be needed. The wishes of the student will be regarded, as far as practicable, in the assignment to advisers.

LAW EQUIVALENTS.—Students who may desire to graduate from both the College of Letters and the College of Law, will be allowed to complete both courses in six years. No student, however, will be permitted to take law electives before the beginning of his Junior year. The details of the above plan may be learned by inquiry of the President of the University.

FACULTY of the COLLEGE of LETTERS
and of the PREPARATORY SCHOOL.

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JOSEPH WHITEFIELD SMITH,	Lecturer on Physiology and Hygiene
HARVEY CLELLAND DEMOTTE,	Principal of the Preparatory School
LYDE RACHEL PORTER,	Assistant in Preparatory School
JOSEPH KNOWLTON PRESTON HAWKS,	Instructor in Bacteriology

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COLLEGE OF LETTERS.

TERMS OF ADMISSION.

CLASSICAL COURSE.

English.—1. Grammar and Composition.

2. The fundamental principles of Rhetoric.

A sufficient knowledge of English to enable the student to write a short English composition, correct in spelling, punctuation, and paragraphing, in simple, idiomatic English.

3. The reading and study, as indicated below, of the following English classics:

(a)—*Reading and Practice.*

1902—Shakespeare's Merchant of Venice; Pope's Iliad, Books I, VI, XXII, and XXIV; the Sir Roger de Coverly Papers in *The Spectator*; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Scott's Ivanhoe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner.

1903 and 1904—Dryden's Palamon and Arcite; Pope's Iliad, Books I, VI, XXII, XXIV; the Sir Roger de Coverly Papers in *The Spectator*; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; De Quincy's Flight of a Tartar Tribe; Cooper's Last of the Mohicans; Tennyson's Princess; Lowell's Vision of Sir Launfal.

(b)—*Study and Practice.*

1902—Shakespeare's Macbeth; Milton's L'Allegro and El Penseroso, Comus, Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and on Addison.

1903 and 1904—Shakespeare's *Macbeth*; Milton's *Paradise Lost*, Books I and II; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*.

History.—1. United States. Fiske, or an equivalent.

2. Greece and Rome. Myers' *Eastern Nations* and Allen's *Rome* are recommended.

3. England. Montgomery, or an equivalent.

Mathematics.—1. Higher Arithmetic.

2. Algebra, including radicals and progressions.

3. Plane, solid, and spherical Geometry.

Physical Science.—One year's work, at least, with something of laboratory practice, in biology, physics, or chemistry.

Latin.—1. Grammar. Lessons and easy prose.

2. Cæsar's *Gallic War*, four books.

3. Cicero's four orations against Catiline, Archias, and the Manilian Law.

4. Vergil's *Aeneid*, five books.

5. The rendering into Latin of English sentences based upon the above named prose writers.

Greek.—1. Grammar and easy prose.

2. Xenophon's *Anabasis*, three books.

3. Homer's *Iliad*, three books.

4. Greek composition based on the *Anabasis*.

LATIN-SCIENTIFIC COURSE.

English.—Same as for the Classical.

History.—Same as for the Classical.

Mathematics.—Same as for the Classical.

Latin.—Same as for the Classical.

Any one of the following groups:

Group a.—1. German (or French). Grammar and easy prose. Translation of prose authors. Two years' work.

2. Biology, physics, or chemistry, a year of any one.

Group b.—1. German (or French). Grammar and easy prose. One year's work.

2. Biology and chemistry, one year of each;

or, biology and physics, one year of each; or, physics and chemistry, one year of each.

Group c.—Biology, physics, and chemistry. One year of each.

SCIENTIFIC COURSE. ENGLISH COURSE.

English.—Same as for the Classical.

History.—Same as for the Classical.

Mathematics.—Same as for the Classical.

Any one of the following groups:

Group a.—1. German. Three years' work.

2. Biology, physics, and chemistry. One year of each.

Group b.—1. German. Three years' work.

2. French. One year's work.

3. Biology and chemistry, one year of each; or, biology and physics, one year of each; or, physics and chemistry, one year of each.

Group c.—1. German. Three years' work.

2. French. Two years' work.

3. Biology, physics, or chemistry, a year of any one.

Group d.—1. German. Two years' work.

2. French. Two years' work.

3. Biology and chemistry, one year of each; or, biology and physics, one year of each; or, chemistry and physics, one year of each.

NOTE.—If physics is not offered for admission to college, it must be taken for two terms, in any of the college courses.

ADMISSION TO SPECIAL STANDING.

For the benefit of students who are prepared in most studies for college work, but are deficient in one subject, a system of admission to special standing has been provisionally adopted. Its object is to enable students the most of whose work is in

the college and who would probably be able to complete a college course in four years, to receive from the first the benefit of a college seating, instead of being remanded, for a part of the four years, to the preparatory school. Such students are not to be regarded as fully matriculated, but as on probation, until the work in which they are deficient has been made up. For this a reasonable length of time is allowed.

As the scheme needs to be viewed as a whole, in order to be fully understood, it is presented below, although a part of it refers to advancement in courses rather than to admission to them.

REGULATIONS FOR CLASSIFICATION.

1. Students who are able to enter three college classes and whose deficiencies do not exceed twelve semester hours may be classified as (conditioned) Freshmen.

2. Students who are able to enter three college classes and whose deficiencies do not exceed twenty semester hours or whose deficiencies are confined to a single subject, may be classified as Special Freshmen.

3. Students whose deficiencies do not exceed fifteen semester hours below Sophomore grade, or whose deficiencies are confined to a single subject, may be advanced as Special Sophomores.

4. No student whose deficiencies amount to more than twelve hours, or whose entrance conditions have not been fully met, will be classified as a Junior.

5. No student who lacks more than thirty-six hours of graduation shall be classified as a Senior.

6. Students not candidates for degrees may enter classes for which they afford evidence of sufficient preparation and will be catalogued as Unclassified Special Students.

ADMISSION TO ADVANCED STANDING.

Students from other colleges of established reputation will be admitted to advanced standing on presentation of certificates of honorable dismissal and acceptable grades, their classification being determined by the credits to which they are entitled.

Candidates from the best high schools and academies who have done work beyond the requirements for admission to the Freshman Class, will be allowed such college credits as a fair estimate of their work will justify. No definite statement can be made concerning the details of such credits; but each case will be estimated on its own merits by the Faculty of the college. In general, it should be said that high school credits can be equated against college credits only at the rate of two or three to one; and yet to this rule there are some exceptions. It is the policy of the University, in this respect, as in all others, to be governed by a spirit of equity.

MODE OF ADMISSION.

Examination.—Entrance examinations may be taken on the day before the opening of the fall term, for the date of which see the calendar. Examination papers will be sent to the principal of any high school or academy, if application be made two weeks before they are to be used.

Certificate.—Certificates are accepted, in lieu of examinations, from accredited high schools and academies, for so much ground as they cover. A list of such schools is appended, to which others may be added on application and approval. Certificates will be accepted from any schools upon the accredited lists of high-grade colleges. Candidates who wish to enter by certificate should bring papers containing full, detailed information, from the principals of the schools in which this work has been done; or, better, send to the college for blank certificates, which will be furnished to those desiring them and may be filled and returned at any time for approval. Early reports can usually be given of the results.

Aledo,	Fisher,	Olney,
Arcola,	Forrest,	Pana,
Astoria,	Geneseo,	Paris,
Atlanta,	Gilman,	Paxton,
Auburn,	Grand Prairie	Peoria,
Barry,	Seminary,	Pontiac,
Bement,	Greenfield,	Rossville,
Bloomington,	Griggsville,	Rushville,
Bushnell,	Heyworth,	Saybrook,
Canton,	Joliet,	Shelbyville,
Carlyle,	LeRoy,	Springfield,
Charleston,	Lewiston,	Stanford,
Chillicothe,	Lovington,	Streator Tp.H.S.,
Chrisman,	Mackinaw,	Sullivan,
Clinton,	Mansfield,	Taylorville Tp. H. S.
Colfax,	Maroa,	Tuscola,
Danvers,	Minonk,	Vandalia,
Decatur,	McLean,	Virginia,
Evansville, Ind.,	Morrisonville,	Waynesville
Fairbury,	Mowequa,	Academy.
Fairmount,	Mt. Pulaski,	

Any other schools upon the accredited lists of high-grade colleges.

COURSES OF INSTRUCTION.

Studies printed in small type are preliminary, and must be completed before the student enters upon the subject immediately following.

GROUP A.—ANCIENT LANGUAGES.

I.—GREEK.

First Greek Book; Anabasis, 3 books; Homer, 3 books; Jones' Greek Prose Composition.

1. Selected Orations from Lysias. First semester, four hours.
Lysias.
2. Xenophon's Memorabilia. Second semester, four hours.
Memorabilia.
3. Plato's Apology and Crito; Xenophon's Symposium. First semester, three hours.
Plato, Apology and Crito; Xenophon's Symposium.
4. Demosthenes de Corona. Second semester, three hours.
Demosthenes de Corona.
5. Sophocles' Oedipus Rex. First semester, two hours.
Sophocles' Oedipus Rex.
6. Lyric Poets. Second semester, two hours. Not offered in 1903
Memorabilia.
7. New Testament, Greek. Second semester, two hours.

II.—LATIN.

Beginners' Book; Caesar, 4 books; Cicero, 6 Orations; Virgil, 6 books; Latin Composition and Grammar.

1. Livy, Books I, XXI, XXII. Prose Composition. First semester, four hours.
Livy and Prose Composition.
2. Horace, Odes and Epodes; Cicero—de Senectute; Prose Composition. Second semester, four hours.

- Livy, Horace and Cicero.
3. Cicero—de Amicitia and Selected Letters. First semester, three hours.
- Cicero.
4. Pliny the Younger; Petronius—Cena Trimalchionis; Roman Antiquities. Second semester, three hours.
- Livy, Horace and Cicero.
5. Terence and Plautus, Selected Plays. First semester, three hours.
- Terence and Plautus.
6. Tacitus—Annals, Books I-VI. Second semester, three hours.
- Courses 1, 2; 3 and 4, or 5 and 6.
7. Tacitus, Agricola and Germania; Vergil's Eclogues. First semester, two hours.
- Tacitus and Vergil.
8. Elegiac and Epic Writers. Second semester, two hours.
- Courses 1, 2; 3 and 4, or 5 and 6.
9. Quintilian—Book X, Horace—Epistles and Ars Poetica; Roman Literature. First semester, two hours.
- Quintilian, Horace, Roman Literature.
10. Cicero—de Oratore; Dialogus de Oratoribus. Second semester, two hours.
- Courses 1, 2; 3 and 4, or 5 and 6.
11. Roman Satire—Horace and Juvenal. First semester, two hours.
- Courses 1, 2; 3 and 4, or 5 and 6.
12. Philosophical Writings—Cicero and Seneca; Roman Literature. Second semester, two hours.

GROUP B.—MODERN LANGUAGES.

I.—GERMAN.

- 1, 2. Essentials of Grammar, Exercises in Composition, Easy Prose. First and second semesters, four hours.

Courses 1 and 2.

- 3, 4. Review of Grammar, Exercises in Composition, the reading

of modern prose as well as some of the classics. First and second semesters, four hours.

Courses 3 and 4.

- 5, 6. The reading of selected poetical works, of historical prose, and the study of German literature. First and second semesters, three hours.

Courses 3 and 4.

- 7, 8. These courses are kindred in nature to those indicated in 5 and 6, but will vary the works and authors studied.

II.—FRENCH.

- 1, 2, 3. Elementary Grammar and easy Prose. First and second semesters, four hours.

Courses 1, 2, 3.

- 4, 5, 6. Review of Grammar; reading of more difficult authors; conversation and composition. First and second semesters four hours.

GROUP C.—MATHEMATICS, ASTRONOMY, AND PHYSICS.

I.—MATHEMATICS.

Elementary Algebra through Quadratics; Plane Geometry.

1. Plane Trigonometry. Two hours, first semester.

Elementary Algebra through Quadratics; Plane Geometry.

2. College Algebra. Three hours, second semester.

Plane Trigonometry; College Algebra.

- 3, 4. Analytic Geometry. Three hours, first and second semesters.

Analytic Geometry.

- 5, 6. Calculus. Two hours, first and second semesters.

Plane Trigonometry.

7. Surveying and Mechanical Drawing. Three hours, second semester.

Integral Calculus; Physics 3.

8. Theoretical Mechanics. Three hours, first semester.

Analytic Geometry.

9. Selected Chapters of Algebra. Three hours, second semester.

II.—ASTRONOMY.

Solid Geometry; Trigonometry; Analytic Geometry.

1. Descriptive Astronomy. Two hours, first semester.
Descriptive Astronomy; Integral Calculus.
2. Advanced Astronomy. Two hours, second semester.

III.—PHYSICS.

Elementary Algebra through Quadratics; Plane Geometry.

- 1, 2. Preparatory Physics. Four hours, first and second semesters.
Two hours laboratory work, three hours recitations and lectures.

Preparatory Physics; Trigonometry.

3. Mechanics. Three hours, first semester. Two hours laboratory work; two hours recitations and lectures.

Preparatory Physics; Trigonometry.

4. Sound, Light. Three hours, first semester. Two hours laboratory work, two hours recitation and lectures.

Preparatory Physics; Trigonometry.

5. Heat. Three hours, second semester. Two hours laboratory work, two hours recitations and lectures.

Preparatory Physics; Trigonometry.

6. Electricity and Magnetism. Three hours, second semester. Two hours laboratory work, two hours recitations and lectures.

Preparatory Physics, Trigonometry.

7. History of the Development of the Exact Sciences. Three hours, second semester.

GROUP D.—CHEMISTRY.

Physics, Algebra, Geometry.

1. Inorganic: Non-metals, Remsen and Lectures, three hours; Laboratory, two hours per week.

Course 1.

2. Inorganic: Metals and Metallic Salt Experimentations, Mimeographed Lecture Notes. Lectures, three hours; Laboratory, four hours.

Course 2.

3. Inorganic: Lecture Notes and Quiz, three hours; Qualitative Analysis and Separative Work, four hours.

Course 3.

4. Qualitative Separation completed; Quantitative Analysis, Gravimetric begun. Laboratory, eight hours.

Course 4.

5. Gravimetric Analysis continued; Volumetric work. Laboratory, eight hours.

Courses 1, 2, 3.

6. Organic Chemistry; Remsen as text, two hours. Orndorff as Laboratory Guide, eight hours.

Course 6.

7. Organic Chemistry, continued as above.

Course 5.

8. Analyses of Minerals, Alloys, Waters, etc. Laboratory, eight hours.

Course 5.

9. Analyses of Milks, Butters, Poisons. Laboratory, eight hours.

GROUP E.—BIOLOGY AND GEOLOGY.

I.—BIOLOGY.

Preparatory Biology and Physics; Chemistry.

1. General Biology. Five hour course; three hours recitations and lectures, four hours laboratory. First and second semester.

Preparatory Biology and Physics; Chemistry.

2. Botany. Five hour course; three hours recitations and lectures, four hours laboratory. Second semester.

Preparatory Biology and Physics; Chemistry.

3. Physiology. Five hour course; three hours recitations and lectures, four hours laboratory. Second semester.

Course 1.

4. Vertebrate Zoology. Five hour course; three hours recitations and lectures, four hours laboratory. First semester.

Course 4.

5. Anatomy. Three hour course; six hours laboratory. First or second semester.

Course 5.

6. Histology. Three hour course; six hours laboratory. First semester.

Course 6.

7. Bacteriology. Three hour course; six hours laboratory. Second semester.

Course 1.

8. Evolution. Five hour course; three hours recitations and lectures, four hours laboratory. Second semester. Alternate years.

II.—GEOLOGY.

Physics, Chemistry, Geometry, Trigonometry, Biology I.

1. General Geology. Four hour course; three hours recitations and lectures, two hours laboratory. First semester.

Physics, Chemistry, Geometry, Trigonometry.

2. Mineralogy. Five hour course; two hours lectures, six hours laboratory. First or second semester.

GROUP F.—ENGLISH LANGUAGE AND LITERATURE. HISTORY.

I.—ENGLISH LANGUAGE AND LITERATURE.

Preparatory English.

1. Rhetoric. First semester, three hours.

Rhetoric.

2. Elements of Literary Criticism. Second semester, two hours.

Elements of Literary Criticism.

3. American Literature. First semester, three hours.

American Literature.

4. English Literature—Chaucer, Spenser, Shakespeare. Second semester, three hours.
 5. Later Poets—Milton, Dryden, Pope, Goldsmith, Cowper, Burns, Coleridge, Wordsworth, Byron, Southey, Shelley, Keats, Browning, Tennyson, Arnold. First semester, three hours.
- Later Poets.
6. English Prose [Seminary]. Second semester, three hours.

II.—HISTORY.

Preparatory History.

1. Modern European History. First and second semesters, three hours.
- Modern European History.
2. History of the English People. First semester, three hours.
- History of the English People.
3. Advanced History of the United States. Second semester, two hours.
 4. Constitutional History.* First semester, three hours.
- All preceding History.
5. History of Civilization. Second semester, two hours.

GROUP G.—PHILOSOPHY AND RELIGION.

I.—PHILOSOPHY.

Algebra, Geometry, Rhetoric.

1. Logic. Second semester, three hours.
- Logic, Physiology.
2. Psychology. First semester, three hours.
- Psychology.
3. History of Philosophy. First semester, three hours.
- Psychology.
4. Apologetics. Second semester, three hours.

*Constitutional History will not be offered during 1903-1904.

- Psychology.
5. Ethics. Second semester, three hours.
- Psychology.
6. Pedagogy. Second semester, three hours.

II.—RELIGION.

1. The Gospels. First semester. (Not offered in 1903).
2. The Age of the Apostles. First semester, two hours.
- 3, 4. History of the Church. First semester. (Not offered in 1903).

GROUP H.—ECONOMICS AND SOCIOLOGY.

- General History, Civics, Logic.
1. Economics. First semester, three hours.
- Course 1.
2. Economics. Second semester, two hours.
- General History, Civics, Logic.
3. Sociology. Second semester, three hours.
- Course 1, 3.
4. Sociology. First semester, three hours.
- Course 1, 3, 4.
5. Sociology, Seminary. Second semester, three hours.

GROUP I.—ORATORY.

1. Elocution. First semester, one hour.
2. Elocution. Second semester, three hours.
3. Argumentation. First semester, three hours.
4. Orations. Second semester, two hours.

DESCRIPTION OF COURSES.

GROUP A.—ANCIENT LANGUAGES.

I.—GREEK.

PROFESSOR FERGUSON.

Lysias (1).—The first semester of the Freshman year will be given to the reading of selected Orations from Lysias, and to Greek prose composition.

Xenophon's Memorabilia (2).—The second semester will be devoted to the *Memorabilia* of Xenophon, in connection with a study of Athenian political and social life.

Plato's Apology and Crito, Xenophon's Symposium (3).—In the first semester of the second year the *Apology* and *Crito* of Plato and the *Symposium* of Xenophon will be read, in connection with the study of legal procedure at Athens.

Demosthenes de Corona (4).—The second semester of the second year will be given to the translation and analysis of the Oration on the Crown, with collateral reading in Jebb's "Attic Orators."

Sophocles' Oedipus Rex (5.) — Juniors and Seniors will be offered an elective course the first semester, in which the translation and interpretation of *Oedipus Rex* will be accompanied by the study of Haigh's "Attic Theatre."

Lyric Poets (6).—In the second semester Juniors and Seniors will be offered a course in the Lyric Poets.

In addition to the translation much attention will be given to matters of biography and meter. Not offered in 1903.

New Testament Greek (7).—In the second semester a term of elective work in New Testament Greek will be offered to students who have had the required Greek of the Freshman year. In this course particular attention will be given to the variations from classical usage, and it is intended to make the study valuable both of itself and as an introduction to later post graduate study.

II.—LATIN.

PROFESSOR AUSTIN.

Livy,—*Selections from Books I, XXI and XXII.*
(1).—Freshman year. First semester. Exercises in Latin prose composition. Sight reading, grammatical and historical studies.

Horace, Odes and Epodes; Cicero de Senectute
(2).—Second semester. Latin prose composition continued through the year. Literary and philosophical investigations. Acquaintance with the metres of Horace. Biographical studies. Courses 1 and 2 are required of Classical and Latin Scientific Freshmen.

Cicero de Amicitia, and selected Letters (3).—Sophomore year. First semester. Stylistic and philosophical questions discussed.

Pliny the Younger,—*selected Letters; Petronius, Cena Trimalchionis* (4).—Second semester. During

this semester one hour each week will be devoted to the study of Roman Antiquities, with Wilkins's or Preston and Dodge's text as a guide. Courses 3 and 4 are elective for those who have completed 1 and 2.

Terence, Phormio; Plautus, Menaechmi and Captivi (5).—First Semester. Careful attention will be given to metre and peculiarities of forms and syntax, and some study will be made of the social conditions existing at that time.

Tacitus, Annals, Books I-VI, Reign of Tiberius (6).—Second semester. Supplementary study in History and Antiquities. Courses 5 and 6 will be given on alternate years instead of 3 and 4. They were not given in 1902-3.

Tacitus, Agricola and Germania; Vergil's Eclogues (7).—First semester. Special attention to the *Agricola* as a model biography, and to the *Germania* in regard to early Germanic institutions and customs.

Elegiac and Epic Writers (8).—Second semester. Selections will be used from the writings of Catullus, Tibullus, Propertius, Ovid, Lucretius and Lucan. Special readings and lectures on the growth and development of the Roman elegy. Courses 7 and 8 are elective for Juniors and Seniors.

Quintilian,—Book X; Horace, Epistles and Ars Poetica; Roman Literature studies (9).—First semester.

Cicero, de Oratore, Dialogus de Oratoribus, (10).—Second semester. Courses 9 and 10 are elective for Juniors and Seniors.

Roman Satire, Horace and Juvenal (11).—
First semester.

Philosophical Writings, Cicero, de Officiis; Seneca,—Moral Essays; Roman Literature studies (12).—Second semester. Courses 11 and 12 are elective for Juniors and Seniors, and are given in cycle with 7 and 8, 9 and 10.

A special course in Latin prose composition, to recite once a week, is offered each semester to accommodate those of advanced standing who desire further practice in this work.

GROUP B.—MODERN LANGUAGES:

I.—GERMAN.

PROFESSOR FERGUSON.

Two additional years of German are offered those students who have taken the two years' preparatory work. The four years' course may be taken in college by those who have not had German in the preparatory school. The work of the first two years will be found outlined in the description of the preparatory courses of study.

The work of the third year will consist in the reading of selected poetical works, of historical prose, and of German literature. For the year 1903-4, Scheffel's *Der Trompeter von Säkkingen*, Schoenfeld's *Historical Prose*, Sudermann's *Der Katzensteg*, and

Kluge's *Deutsche Litteraturgeschichte* will probably be included in the course.

For 1904-5 equivalent courses will be substituted for the course just outlined, so that students who so desire may pursue the study during the fourth year.

II.—FRENCH.

MISS SMITH.

The course of instruction in French continues through two years, and gives the student sufficient knowledge of the essentials of grammar and practice in the reading of easy texts to enable him to continue his study in private. Careful attention is paid to pronunciation and much time given to the writing of French and to drill in the oral use of the language.

GROUP C.—MATHEMATICS, PHYSICS, AND ASTRONOMY.

PROFESSOR LEONARD.

The courses here offered are designed to contribute to the student's mental training, equipment, and culture, as well as to lay a good foundation for advanced work by those who desire to make a specialty of these or kindred sciences.

Each course will be given whenever a sufficient number of properly prepared students elect it.

I.—MATHEMATICS.

Plane Trigonometry (1).—First semester. Prerequisite: Elementary Algebra through Quadratics, Plane Geometry. This is required work for the Freshman year of all college students. Lyman and Goddard's *Plane Trigonometry* (with tables) (Allyn and Bacon) has been used as a text-book.

College Algebra (2).—Second semester. Prerequisite: Elementary Algebra through Quadratics, Plane Geometry. In this course are studied selected portions of Algebra, such as Logarithms, Permutations and Combinations, Variables, Limits, Series, and Theory of Equations. It is required work for the Freshman year of all college students. Wentworth's *College Algebra* (Revised) (Ginn and Company) has been used as the text-book.

Analytic Geometry (3), and (4).—First and second semesters. Prerequisite: Plane Trigonometry, College Algebra. Course (3) is required work for the Sophomore year of all college students. Wentworth's *Analytic Geometry* (Ginn and Company) has been used as the text-book.

Differential Calculus (5).—First semester. *Integral Calculus* (6).—Second semester. Prerequisite: Analytic Geometry. Taylor's *Elements of Differential and Integral Calculus* (Revised) (Ginn and Company) has been used as the text-book. All the work in these courses is performed in the classroom. They are required work for students specializ-

ing along scientific lines and are to be taken in the Junior year.

Surveying and Mechanical Drawing (7).—Second semester. Prerequisite: Plane Trigonometry. The number of students will be limited to a dozen and only those will be admitted that have shown ability in their previous work. A medium-sized drawing board, draughting instruments, and a T-square are needed. Two hours a week are spent in field work, two on drawing and calculations, and one hour is devoted to the development of the theory of Surveying.

Theoretical Mechanics (8).—First semester. Prerequisite: Integral Calculus, Physics 3 (Mechanics). This is a Senior elective and a text-book like Ziwet's *Elementary Treatise on Theoretical Mechanics* (Macmillan) is used.

Selected Chapters of Algebra (9).—Second semester. Prerequisite: Analytic Geometry. This course is a Senior elective.

II.—ASTRONOMY.

Descriptive Astronomy (1).—First semester. Prerequisite: Solid Geometry, Trigonometry, Analytic Geometry. Todd's *New Astronomy* (American Book Company) has been used.

Advanced Astronomy (2).—Second semester. Prerequisite: Descriptive Astronomy, Integral Calculus.

III.—PHYSICS.

Mechanics of Solids, Mechanics of Fluids, Sound (1).—First semester. *Light, Heat, Magnetism and*

Electricity (2).—Second semester. Prerequisite: Elementary Algebra through Quadratics, Plane Geometry. These are short introductory courses and are to be taken by Fourth-year-Preparatory students in all courses, except the Classical. The students in Classical Course are required to do the same work in their Freshman year and receive college credit. A knowledge of Geometry is necessary. Each week three hours are devoted to recitations and lectures and two hours to laboratory work. A fee of two dollars and a half each semester is paid in advance and breakage is charged to the individuals responsible. Carhart and Chute's High School Physics (Allyn and Bacon) has been used as a text-book. In these two courses the mathematical side is not made unduly prominent, though formulae are derived and simple problems are solved.

Kinematics, Kinetics, Mechanics of Fluids (3).—First semester.

Sound, Light (4).—First semester.

Heat (5).—Second semester.

Electricity and Magnetism (6).—Second semester. Prerequisite: Preparatory Physics, Trigonometry. These four courses are designed to furnish a more advanced treatment of the subject. They need not necessarily be taken in order. A knowledge of Trigonometry will be found helpful. Each week two hours are given to recitations and lectures and two hours to laboratory work. The laboratory fee is three

dollars. Carhart's University Physics (Two parts) (Allyn and Bacon) has been used as the text-book.

History and Development of the Exact Sciences (7).—Second semester. Prerequisite: Preparatory Physics, Trigonometry. The advanced mathematical treatment of Physics does not furnish the complete continuation of the elementary courses that is needed. It is believed that a non-mathematical, historical account of the progress and development of the Exact Sciences will be of interest and value to many pupils.

EQUIPMENT.

Library.—The department library contains periodicals, histories, and reference books from which pupils obtain valuable information concerning the history and recent development of these sciences.

Apparatus.—Besides the complete set of mathematical forms and a spherical blackboard, the department has a complete surveying outfit, consisting of one Queen & Company's best engineering transits, with gradienter and other modern attachments, also a New York leveling rod and other apparatus necessary for practical field work.

Astronomical Observatory.—The University has a fine reflecting telescope, eighteen and one-fourth inches in diameter, the gift of Mr. A. C. Behr, of Chicago, a two-inch finder, a parallel wire micrometer, a position micrometer, a complete outfit of eye-pieces, shades, etc., for solar and lunar work. The Observa-

tory is provided with a portable four and one-half inch refracting telescope, and a complete set of nautical instruments consisting of sextant, ship's compass used by the United States government in topographical surveys, and a clinometer used in geological surveys.

This equipment, donated to the University by Mr. Behr, furnishes excellent advantages for study and investigation in Astronomy.

By making special arrangements with the President of the University or the Director, visitors may be admitted to the observatory at any time.

GROUP D.—CHEMISTRY.

DR. GRAHAM.

Chemistry (1-9).—The work of the first year is required in all courses. Two additional years may be taken by those who so elect. Remsen's Chemistry, supplemented by lectures, and illustrated by laboratory work and class-room experiments, is used as a guide during the first semester. Four hours per week of laboratory work are required. This consists mainly of quantitative experiments, illustrating the theories discussed. The second semester is spent in the study of metals, with a minimum of four hours per week laboratory work and three hours per week class-room quiz and lecture work; and in qualitative separation work, for which the student has been fitted by the system of experimentation prepared by the instructor. An

excellent chemical library meets the demand for reference work.

Those who elect advanced work complete qualitative separation; and then take up quantitative analysis, Appleton being used as guide. Next follows volumetric analysis, with Hart and Sutton as hand-books; analysis and assays of minerals, analysis of water, milk, butter, urine, baking powders, grains, poisons, etc., and two semesters are spent on organic chemistry, with Remsen as text and Orndorff as laboratory guide.

In addition to the old laboratory, which well meets the needs of the experimental and qualitative work, the Shellabarger laboratory gives excellent opportunity for quantitative work; and the H. S. Swayne private laboratory furnishes fair conveniences for special work and research work. All the laboratories are well supplied with all necessary apparatus; and those wishing to make a special study of chemistry will find here every facility, not only for the most advanced undergraduate work but for the first year of graduate work as well.

A laboratory fee of \$4.50 for each of the first two semesters, and of \$7.00 each for the remaining semesters is charged. Students also pay for breakage.

GROUP E.—BIOLOGY AND GEOLOGY.

I.—BIOLOGY.

PROFESSOR HARTZELL, DR. WHITEFIELD SMITH,
DR. HAWKS.

General Biology (1).—The fundamental properties of living matter and vital energy are considered. The facts attained are applied in the study of an animal and a plant. Unicellular animals and plants are also studied and compared.

Following this, the important laws of zoology are considered. The history of zoology, general morphology, physiology, anatomy, embryology, the relation of one animal to another, and the geographical distribution of animals are discussed.

Then the entire animal kingdom is considered. Each class is studied with regard to its description, life history, structure, functions, development, reproduction, zoological position, bionomics, etc. Three hours in the lecture room and three hours in the laboratory are required each week throughout the year. Sedgwick and Wilson's *General Biology*, Hertwig's *General Principles of Zoology*, and Thompson's *Outlines of Zoology* are used. PROFESSOR HARTZELL.

Botany (2).—Considerable time is spent on the anatomy and physiology of plants. This is followed by a systematic review of all the Orders. Three hours in the lecture room and three hours in the laboratory

each week of the second semester are required. Bessey's *Advanced Botany* is used. PROFESSOR HARTZELL.

Physiology (3).—The physiology, anatomy, and histology of the human body are considered. Special attention is given to the physiology and hygiene of the human body. Its zoological position and its development are also considered. Three hours in the lecture room and three hours in the laboratory are required each week of the second semester. Martin's *The Human Body* is used. DR. WHITEFIELD-SMITH.

Vertebrate Zoology (4).—The time is spent upon the morphology of vertebrates based upon embryology. An attempt is made to explain the many peculiarities of the structure of man in the light of comparative morphology. Two hours in the lecture room and three hours in the laboratory are required each week of the first semester. Kingsley's *Vertebrate Zoology* is used. PROFESSOR HARTZELL.

Anatomy (5).—A more or less thorough dissection of a vertebrate animal is undertaken. The work may be done either in the first or second semester. Two hours in the lecture room and six hours in the laboratory will be required each week. Reighard & Jennings's *Anatomy of the Cat* is used. PROFESSOR HARTZELL.

Histology (6).—The time is spent on normal histology. A thorough course is given in microscopic technique, including fixing, hardening, infiltrating, embedding, sectioning, fixation, staining, dehydrating, clearing, mounting, labeling. Six to eight hours each

week are required in the laboratory during the first semester. Osborn's Manual of Histology and Bacteriology is used. PROFESSOR HARTZELL.

Bacteriology (7).—The time is largely devoted to the cultivation and systematic study of non-pathogenic bacteria and the necessary microscopic technique. Pathogenic bacteria will be briefly considered. Six to eight hours each week are required in the laboratory during the second semester. Osborn's Manual of Histology and Bacteriology is used. DR. HAWKS.

Evolution (8).—This course is designed to give the history of the evolution idea from 640 B. C. to the present, the gradual growth of the *idea* into the *law* of evolution. The laboratory work will consist of studies in comparative morphology and embryology with special reference to man. Two hours in the lecture room and three hours in the laboratory will be required each week of the second semester. Osborn's *From the Greeks to Darwin* will be used. PROFESSOR HARTZELL.

II.—GEOLOGY.

PROFESSOR HARTZELL.

General Geology (1).—The origin of surface features is considered. The agents of denudation, landforms, influence of rock character, glacial action, aeolian action, action of underground water, climate, soil, the effect of environment on life, etc, the constitution of rocks, rock masses, the classification of the

animal and vegetable kingdoms and the geographical distribution of marine life with reference to geology, the protective and destructive effects of life, chemical action of air and water, mechanical effects of the atmosphere and water, heat, crustal movements, etc.; the arrangement of the earth's strata, the chronological order of events, the history of life as seen in the strata, the various formations, changes in the ocean and land, changes in the atmosphere and climate, length of geological time, etc., are discussed. Three hours in the lecture room and two hours in the laboratory are required each week throughout the first semester. Geikie's *Earth Sculpture* and Dana's *Text-Book of Geology* are used.

Mineralogy (2).—The identification of minerals is the objective point. The reaction of each of the common elements by the wet and dry methods, the chemical composition of minerals, crytallization, lustre, color, hardness, fusibility, specific gravity, structure of minerals, properties depending upon heat, etc., are the topics considered. The determination of fifty common minerals is required. Two hours in the lecture room and six hours in the laboratory are required each week of the first or second semester. Brush's *Determinative Mineralogy* and *Blowpipe Analysis* is used.

All of the courses in biology and geology are supplemented by lectures.

LABORATORIES.

Four well-lighted rooms are devoted to laboratory work in biology and geology. They are well equipped with instruments, chemicals, etc. Material for demonstration is constantly on hand. Laboratory guides have been prepared for all the courses in biology and geology. A small laboratory fee is charged for each course in biology and geology, as follows, \$4.50 a semester for each course in biology, except histology and bacteriology, the fee for each of which is \$9.00, \$3.00 for the course in geology, and \$4.50 for the course in mineralogy.

GROUP F.—ENGLISH LANGUAGE AND LITERATURE. HISTORY.

I.—ENGLISH LANGUAGE.

PROFESSOR CALDWELL.

Rhetoric (1).—First semester. Genung's Practical Rhetoric is the text used, supplemented by lectures and daily exercises. Particular attention is given to the study of style, diction, figures of speech, and the fundamental processes of composition. A large amount of theme writing, illustrating the different types of invention, is done under the immediate direction of the instructor. Each essay is open to class criticism, and is afterwards carefully corrected. Work in the theory and practice of elocution is taken in connection with

this course, one period every two weeks being devoted to the subject.

Elements of Literary Criticism (2).—Second semester. Johnson's *Elements* will be followed as an outline. This course is designed for the examination of the more plain and obvious qualities; namely, unity, power of character drawing, philosophy, musical and phrasal power, descriptive and emotional power, of the works of the foremost of our English and American writers. The idea is kept in view that an intelligent understanding of the reasons why admired writings *are admired*, may lead to love of them for themselves, in place of a regard for them in the unfruitful light of traditional authority. Original articles, prepared weekly, supplement this course.

Essays.—In addition to the essays required in Rhetoric, one is required in the second semester of the Freshman year; and one in *each* semester of the Sophomore, Junior, and Senior years. The object is to develop the individuality of the student and enable him to write in pure, clear English. Outlines are submitted for approval before the essays are written, and the merits and defects of each essay are discussed between student and teacher. Essays must not be less than 800 words nor more than 900 words in length.

Work in oratory, including carefully prepared orations, may be substituted for essays in the Junior and Senior years.

II.—LITERATURE.

American Literature (3).—First semester. Richardson's *American Literature* is the text used, and a large amount of reading is required. The subjects include a brief history of the beginning of American literature, its relation to English literature, and a more critical study of the writings of the best American authors.

English Literature (4).—Second semester. This subject is begun with a brief study of the development of the English language. It is followed by an outline of the literature before Chaucer, his Prologue to the *Canterbury Tales*, one Tale, and Book I. of Spenser's *Faerie Queene*. A brief course in the development of the drama is given as introductory to the study of Shakespeare. Five plays, *The Merchant of Venice*, *Hamlet*, *Othello*, *The Tempest*, and *King Lear* are critically analyzed.

Later Poets (5).—First semester. A study of the later poets is intended to acquaint the student with what is best in English poetry. Typical authors, as Milton, Dryden, Pope, Gray, Goldsmith, Cowper, Burns, Coleridge, Wordsworth, Shelley, Keats, Byron, Browning, Arnold, and Tennyson, are studied. A short time is given to the study of various types of poetry and of English versification.

English Prose (6).—Second semester. This work includes selections from the best English prose from Sidney to Ruskin. An attempt is made to trace the devel-

opment of both language and thought. While a small portion of the time is spent in studying the lives and characters of the authors, a great deal of stress is put upon the style of each. Written reports on outside reading are frequently given. Perry's Prose Fiction is used in class, and is supplemented by many additional selections, including novels and essays from Thackeray, Dickens, George Eliot, Addison, Lamb, Brke, DeQuincey, Macaulay, Carlyle, and Ruskin.

Critical essays are required in all the courses.

III.—HISTORY.

Modern European History (1).—Dr. Lyon. First and second semesters. The purpose of the year's work is to view the procession of humanity in Europe in its institutional devlopment, throughout the past century Fyff'e History of Modern Europe is used as a basis. Two theses per semester are required of each student.

History of the English People (2).—First semester. This is a comprehensive study of England, from the standpoint of the people, and is a valuable aid to the understanding of English literature. Green's Shorter History of the English People is used. Weekly lectures are given on the English Constitutional Development.

History of the United States (3).—Second semester. This is chiefly a topical study, covering the Formative and Reconstructive Periods of the United States. For an outline Landon's Constitutional History and Government of the United States is used.

Constitutional History (4).—First semester. A parallel study of the origin, nature, and growth of governments is the aim. It includes the leading countries of Europe, both ancient and modern, and the United States. Wilson's State is the text used, supplemented by lectures and theses. This course will not be offered in 1903-4.

History of Civilization (5).—Second semester. A philosophical study is made of the civilization in Europe from the fall of Rome to the French Revolution. It presupposes a knowledge of Mediæval and Modern European History. Guizot's text is used.

GROUP G.—PHILOSOPHY AND RELIGION.

PRESIDENT SMITH. DR. LYON.

I.—PHILOSOPHY.

Logic (1).—About one-half of the time is given to formal logic, especial attention being paid to the subject of fallacies, with the study of abundant examples for praxis. The remainder of the time is devoted to induction and methodology, that the student may obtain a knowledge of the methods of modern scientific reasoning and research. Second semester.

Psychology (2).—The ground of descriptive psychology is covered by text-book, lectures, and informal discussions. The student is led to distinguish between the life of consciousness and logical abstractions. Special studies are assigned in Locke, Hume, Berkeley, and

Descartes, serving as an introduction to philosophy. The course is required of all Juniors. First semester.

History of Philosophy (3).—The principal philosophical systems from Descartes to Herbert Spencer are studied, with a view to ascertaining their distinctive characteristics and their relations to ethics, religion, and modern thought. First semester.

Apologetics (4).—A study of natural theology and the philosophy of theism. Atheism, pantheism, and agnosticism are carefully examined, and attention is paid to the relations of the doctrine of evolution to the theistic argument. The ground of the historical evidences of Christianity is rapidly covered, after which many new phases of the evidences and the relation of science and religion receive careful attention. Lectures, class discussions, and collateral readings supplement the work. Second semester.

Ethics (5).—The text-book used is Mackenzie's Manual, which is based upon the ideal system of Green's Prolegomena. The truth in the view-point of each of the great ethical systems is considered, and the highest value found in the fullest self-realization. Second semester.

Pedagogy (6).—The ethical, logical, and esthetic aspects of education. Unity of the three. Philosophy of teaching and school management.

The aim of this course is primarily to show the guiding influence of a single universal principle which

controls all details of man's development as well as his school work. The student is also led to see that the subjects of study have not only a logical but also a psychological unfolding. He sees psychology to be the very breath of life to him as a teacher.

II.—RELIGION.

Two elective courses are offered, on alternate years, in English Bible, one on the Gospels and the other on the Age of the Apostles. The first was offered in the fall of 1902 and the second will be offered in the fall of 1903. They are scheduled on the program of recitations, for Seniors and Juniors; but may be taken by any others, under the direction of advisers, provided the hour of recitation should be favorable.

The Gospels (1).—The work will be a historical and comparative study, with a view to obtaining a somewhat critical estimate of the character and value of our English version. The character and teaching of our Lord will receive special attention. Not given in 1903.

The Age of the Apostles (2).—The main object is to study and interpret the epistles in their historical setting, and thus to reconstruct, as fully as possible, the early years of Christianity.

History of the Church (3, 4).—These courses are designed chiefly for those who are preparing for the Christian ministry and cover the ground of the disciplinary requirements. The text used is Hurst's History

of the Christian Church. The courses are open to all Seniors and Juniors. They will not be offered in 1904.

GROUP H.—ECONOMICS AND SOCIOLOGY.

DR. LYON.

I.—ECONOMICS.

Principles of Economics (1).—A study of the principles underlying the science. Papers by the students on Protection, Bimetallism, Socialism, Trade Union, Land Tenure, Co-operation, Profit-Sharing, History of U. S. Currency, U. S. National Banking System, Function of the Entrepreneur, Taxation and Single Tax.

(2).—A careful study of some of the leading economic problems: Tariff, Money and Banking, Transportation, Taxation, Labor and Capital, Monopoly, Theory of Value, Municipal Problems. The student prepares papers from his research.

II.—SOCIOLOGY.

The purpose in sociology is to trace the evolution of society from its primitive forms to its present state of complexity, to note the reciprocal adjustment of life and environment, to see how forces both subjective and objective have operated to bring about a normal state of society and to examine the forces which are now tending to change its structure.

An Elementary Study of Social Principles and Phenomena (1).—Origin and scope of sociology. Origin and nature of social structures. Social functions. Mental and Physical basis of society. Constant observation and classification of local social phenomena. By this method and historical data, social theory is tested.

The Principles of Sociology (2).—Relation of sociology to correlated sciences. An examination of the nature and application of all the principles constituting society. These principles are traced in the evolution not only of the social mind but also the objective structures of society. Theses on various phases of the subject.

Seminary (3).—A study of such sociological problems as Organized Charity, Socialism, Communism. Crime, Urban Life and Social Selection, Negro, Immigrant, Sociological Study of the Family, Social Teaching and the Influence of Christianity.

GROUP I.—ORATORY.

DR. LYON. PROFESSOR DARRAH.

Elocution (1).—This course is a part of Rhetoric (1,2). A knowledge of the principles of elocution is required of the entire class; but practice is optional. The course does not count of itself as a grade.

Elocution (2).—An elective course in the theory and practice of elocution, open to Sophomores and Juniors. Text-books, lectures, class drill, and semi-public recitals; voice-building and gesticulation.

Argumentation (3).—Nature, principles and practice of argumentation. Briefs and brief-drawing both original and from Baker's Specimens of Argumentation. Nature, kinds and tests of evidence. Special study of the sources of persuasion. Debates from carefully prepared briefs on the issues of the day.

Oratory (4).—Nature, purpose and general principles of oratory. A written analysis of seven model orations, illustrating the principles of the various kinds of oratory. Original orations embodying these principles.

SCHEDULE OF STUDIES.

CLASSICAL COURSE.

Freshman Year.

REQUIRED.

FIRST SEMESTER.

- 4 Greek, Fresh.,
- 4 Latin, Fresh.,
- 2 Mathematics,
- 4 Physics,
- 3 Rhetoric.

SECOND SEMESTER.

- 4 Greek, Fresh.,
- 4 Latin, Fresh.,
- 3 Mathematics,
- 4 Physics,
- 2 Literary Criticism.

Sophomore Year.

REQUIRED.

- 5 Chemistry,
- One { 4 French, 1st,
4 German, 1st,
3 Latin, Soph.,
- 3 Greek, Soph.,
- 3 Mathematics.

- 5 Chemistry,
- One { 4 French, 1st,
4 German, 1st,
3 Latin, Soph.,
- 3 Greek, Soph.,
- 3 Logic.

ELECTIVE.

- 3 American Literature,
- 2 Astronomy,
- 5 Biology, General,
- 4 French, 1st,
- 4 German, 1st,
- 3 Latin, Soph.

- 3 English Literature,
- 3 Surveying,
- 5 Biology, General,
- 4 French, 1st,
- 4 German, 1st,
- 3 Latin, Soph.

- 1 Latin Prose Composition,
- 3 Modern European History,
- 3 Physics.

- 3 Mod. Europ. History,
- 3 Physics,
- 2 { Amer. Hist.,
Hist. of Civilization,
- 3 Elocution,
- 5 Evolution,
- 3 Hist. of Exact Sciences.

Junior Year.

REQUIRED.

One { 2 Latin, Junior,
3 French, 2nd,
4 German, 2nd,
3 Psychology.

One { 2 Latin, Junior,
3 French, 2nd,
4 German, 2nd,
3 Ethics.

ELECTIVE.

2 { Age of Apostles,
The Gospels,
2 Argumentation,
5 Biology,
2 Calculus,
5 Chemistry,
3 { English History,
The State,
3 French, 2nd,
4 German, 2nd,
Greek, Junior,
3 Later Poets,
2 Latin, Junior.

3 Adv. Analytics
2 Oratory,
5 Biology
2 Calculus,
5 Chemistry,
3 Economics I.,
3 French, 2nd,
4 German, 2nd,
Greek, Junior,
3 Later Prose,
2 Latin, Junior,
3 Sociology I.

Any Sophomore electives not already taken.

Senior Year.

REQUIRED.

4 Geology I.

3 Apologetics.

ELECTIVE.

3 Chap. of Algebra,
2 Economics II,
3 French, 3rd,
3 German, 3rd,
2 Greek, Senior,
3 Hist. of Philosophy,
2 Latin, Senior,
3 Sociology II.,
2 Adv. Astronomy,
Any electives not already taken.

5 Mineralogy,
3 French, 3rd,
3 German, 3rd,
2 Greek, Senior,
3 Pedagogy,
2 Latin, Senior,
3 Sociology III.,
3 Theoret. Mechanics,

LATIN-SCIENTIFIC COURSE.**Freshman Year.**

REQUIRED.

FIRST SEMESTER.

- 5 Chemistry,
- 4 German, 2nd,
- 4 Latin, Fresh.,
- 2 Mathematics,
- 3 Rhetoric.

SECOND SEMESTER.

- 5 Chemistry,
- 4 German, 2nd,
- 4 Latin, Fresh.,
- 3 Mathematics,
- 2 Literary Criticism.

Sophomore Year.

REQUIRED.

- One { 4 French, 1st,
- 3 German, 3rd,
- 3 Latin, Soph.,
- One { 5 Biology, General,
- 5 Chemistry,
- 3 Physics,
- 3 Mathematics.

- One { 4 French, 1st,
- 3 German, 3rd,
- 3 Latin, Soph.,
- One { 5 Biology, General,
- 5 Chemistry,
- 3 Physics,
- 3 Logic.

ELECTIVE.

- 3 American Literature,
- 2 Astronomy,
- 5 Biology,
- 5 Chemistry,
- 4 French, 1st,
- 3 German, 3rd,
- 3 Latin, Soph.,
- 3 Modern European Hist.
- 3 Physics.

- 3 English Literature,
- 3 Surveying,
- 5 Biology,
- 5 Chemistry,
- 4 French, 1st,
- 3 German, 3rd,
- 3 Latin, Soph.,
- 3 Modern European Hist.
- 3 Physics,
- 2 { Amer. Hist.,
- Hist. of Civilization,
- 3 Elocution,
- 5 Evolution,
- 3 Hist. of Exact Sciences.

Junior Year.**REQUIRED.**

- One { 5 Biology, 5 or 6,
5 Chemistry,
3 Physics,
- One { 3 French, 2nd,
3 German, 4th,
2 Latin, Junior,
- 3 Psychology.

- One { 5 Biology, 3 or 4 or 6,
5 Chemistry,
3 Physics,
- One { 3 French, 2nd,
3 German, 4th,
2 Latin, Junior,
- 3 Ethics.

ELECTIVE.

- 2 { Age of Apostles,
The Gospels,
- 2 Argumentation,
- 5 Biology,
- 2 Calculus,
- 5 Chemistry,
- 3 { English History,
The State,
- 3 French, 2nd,
- 3 German, 4th,
- 2 Latin, Junior,
- 3 Later Poets,
- 3 Physics.

- 3 Adv. Analytics,
- 2 Oratory,
- 5 Biology, 3 or 4,
- 2 Calculus,
- 5 Chemistry,
- 3 Economics,
- 3 French, 2nd,
- 3 German, 4th,
- 2 Latin, Junior,
- { 3 Sociology I,
3 Latin Prose,
- 3 Physics.

Any Sophomore electives not already taken.

Senior Year.**REQUIRED.**

- 4 Geology I.

- 3 Apologetics.

ELECTIVE.

- 3 Chap. of Algebra,
- 2 Economics II,
- 3 French, 3rd,
- 3 Hist. of Philosophy,
- 2 Latin, Senior,
- 3 Sociology II,
- 2 Adv. Astronomy,
- Any electives not already taken.

- { 3 French, 3rd,
5 Mineralogy,
- 3 Pedagogy,
- 2 Latin, Senior,
- 3 Sociology III,
- 3 Theoret. Mechanics,

SCIENTIFIC COURSE.**Freshman Year.**

REQUIRED.

FIRST SEMESTER.

- 5 Chemistry,
 3 German, 3rd,
 2 Mathematics,
 3 Rhetoric.
 One { 5 Biology,
 4 French, 1st,
 3 Mod. Europ. Hist.

SECOND SEMESTER.

- 5 Chemistry,
 3 German, 3rd,
 3 Mathematics,
 2 Literary Criticism.
 One { 5 Biology,
 4 French, 1st,
 3 Mod. Europ. Hist.

Sophomore Year.

REQUIRED.

- One { 5 Biology,
 5 Chemistry,
 3 Physics,
 One { 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Mathematics.

- One { 5 Biology,
 5 Chemistry,
 3 Physics,
 One { 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Logic.

ELECTIVE.

- 3 American Literature,
 2 Astronomy,
 5 Biology,
 5 Chemistry,
 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Physics.

- 3 English Literature,
 3 Surveying,
 5 Biology,
 5 Chemistry,
 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Physics,
 2 { Amer. Hist.
 { Hist. of Civilization,
 3 Elocution,
 5 Evolution,
 3 Hist. of Exact Sciences.

Any Freshman studies not already taken.

Junior Year.**REQUIRED.**

- 2 Calculus,
 One { 4 French, 1st,
 3 French, 2nd,
 3 French, 3rd,
 3 Psychology.

- 2 Calculus,
 One { 4 French, 1st,
 3 French, 2nd,
 3 French, 3rd,
 3 Ethics.

ELECTIVE.

- 2 { Age of Apostles,
 The Gospels,
 2 Argumentation,
 5 Biology,
 5 Chemistry,
 3 { English History,
 The State,
 3 French, 3rd,
 3 Later Poets,
 3 Physics.

- 3 Adv. Analytics,
 2 Oratory,
 5 Biology,
 5 Chemistry,
 3 Economics I.,
 3 French, 3rd,
 3 Later Prose,
 3 Physics,
 3 Sociology I.

Any Sophomore electives not already taken.

Senior Year.**REQUIRED.**

- 3 Chap. of Algebra,
 4 Geology I.

- 3 Apologetics,
 3 Theoret. Mechanics.

ELECTIVE.

- 2 Economics II.,
 3 Hist. of Philosophy,
 3 Sociology II.

- 5 Mineralogy,
 3 Pedagogy,
 3 Sociology III.,
 2 Adv. Astronomy.

Any electives not already taken.

ENGLISH COURSE.**Freshman Year.**

REQUIRED.

FIRST SEMESTER.

- 5 Chemistry,
 3 German, 3rd,
 2 Mathematics,
 3 Rhetoric.
- One { 5 Biology,
 4 French, 1st,
 3 Mod. Europ. Hist.

SECOND SEMESTER.

- 5 Chemistry,
 3 German, 3rd,
 3 Mathematics,
 2 Literary Criticism.
- One { 5 Biology,
 4 French, 1st,
 3 Mod. Europ. Hist.

Sophomore Year.

REQUIRED.

- 3 American Literature,
 One { 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Mathematics.
- 3 English Literature,
 One { 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Logic.

ELECTIVE.

- 2 Astronomy,
 5 Biology,
 5 Chemistry,
 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Physics.
- 3 Surveying,
 5 Biology,
 5 Chemistry,
 4 French, 1st,
 3 French, 2nd,
 3 German, 4th,
 3 Physics,
 3 Elocution,
 5 Evolution,
 3 Hist. of Exact Sciences

Any Freshman studies not already taken.

Junior Year.

REQUIRED.

One { 4 French, 1st,
3 French, 2nd,
3 French, 3rd,

3 Later Poets,
3 Psychology.

One { 4 French, 1st,
3 French, 2nd,
3 French, 3rd,

3 Later Prose,
3 Ethics.

ELECTIVE.

2 { Age of Apostles,
The Gospels,

2 Argumentation,

5 Biology,

2 Calculus,

5 Chemistry,

3 { English History,
The State,

3 French, 3rd,

3 Physics.

3 Adv. Analytics,

2 Oratory,

5 Biology,

2 Calculus,

5 Chemistry,

2 { American History,
Hist. of Civil,

3 French, 3rd,

3 Physics.

3 Sociology I.

3 Economics I,

Any Sophomore electives not already taken.

Senior Year.

REQUIRED.

4 Geology I.

3 Apologetics.

ELECTIVE.

3 Chap. of Algebra,

2 Economics II.

3 Hist. of Philosophy,

3 Sociology II.

2 Adv. Astronomy,

5 Mineralogy,

3 Pedagogy,

3 Sociology III.,

3 Theoret. Mechanics.

PREPARATORY SCHOOL.

The prime purpose of this school is to furnish a thorough preparation for admission to college. The courses of study offered are equal to the requirements of the best fitting schools. No subject is omitted which is indispensable either to the knowledge or mental discipline requisite for successful collegiate work.

While these courses are designed primarily to fit the pupil for college, they are, also, admirably arranged for those who are seeking high grade academic attainments. Their component parts are well selected and placed in logical order, thus offering the best possible results to those who can pursue only a limited course of study.

Three preparatory courses of study are offered—The Classical, The Latin-Scientific and The English-Scientific—each leading to Freshman rank and requiring one hundred forty-six semester hours for its completion. These hours are distributed as follows:

Classical Course:—Mathematics 34, English Language 33, History and Civics 21, Latin 30, Greek 20, Science 8.

Latin-Scientific:—Mathematics 34, English Language 35, History and Civics 21, Latin 30, Science 16, German 10.

English-Scientific:—Mathematics 34, English Language 35, History and Civics 21, Latin 20, Science 16, German 20.

One semester hour in English Classics is required throughout the entire course, and one in elocution during the third and fourth years in the Latin-Scientific and English-Scientific courses, and one in the fourth year in the Classical course.

RELATION TO THE COLLEGE.

The Preparatory School is closely allied to the College of Liberal Arts, and feels in many ways its elevating influence. Its students meet in chapel with the college students. They recite in part to teachers who are members of the college faculty and have the benefit of the college laboratories, museums, libraries, and Christian associations. They also have the same rights in the gymnasium and the athletic park. Such associations and privileges are very stimulating and helpful to preparatory students.

Yet the preparatory school has a distinct organization of its own. It is under the immediate supervision of a principal of established reputation who gives it his entire time and energy. In addition to the help given by members of the college faculty, he has an assistant of ability and experience whose work is exclusively in this school. The preparatory students have their own class organizations, literary societies, literary contests, and graduation exercises, and upon

completing the course certificates are presented to them by the President of the University.

While under the careful oversight so important for students of this grade, they also have every opportunity and incentive for the development of manly and womanly character. Every effort is made to awaken in them a noble ambition and to help them to lay a foundation, both moral and intellectual, upon which they may safely and successfully build.

ADVANCED GRADING.

While the preparatory courses of study cover four years, a student may enter any one of them at any point for which he is prepared, and advance as rapidly as he is able to do satisfactory work. No examinations are required for admission, but applicants should have a fair knowledge of the common school branches.

Students are assigned to classes according to the judgment of the principal, who reserves the right to make subsequent changes, if they become necessary.

Applicants desiring credit for work done elsewhere should bring formal statements from their teachers, showing amount and character of the work for which they wish credit.

DESCRIPTION OF COURSES.

GREEK.

The course of study in Greek includes four semesters' work, beginning with the third preparatory year. Five hours per week are required.

During the first year the effort is made to secure a thorough knowledge of the inflections and conjugations, the ordinary rules of syntax, and a fair working vocabulary. In the latter part of year the reading of the *Anabasis* is begun, in connection with constant grammatical review. Much attention is given to the writing of Greek, and the easier portions of the *Anabasis* are used for sight reading. White's first Greek Book is used as the basis of the year's study.

Two-thirds of the fourth year are devoted to the reading of the *Anabasis* and to regular exercises in prose composition. Thereafter the first three books of the *Iliad* of Homer (omitting the catalogue of the ships) are read. The peculiarities of epic forms and syntax are carefully noted. The meter is made a subject of study, and metrical reading is regularly practiced.

LATIN.

The course in Latin extends through six semesters, beginning with the second year. Five hours per week are required throughout the entire course.

During the first semester, pronunciation (Roman), declensions, conjugations, and the common uses of cases and verb forms receive careful attention. The text used is Collar and Daniell's First Year Latin, and the aim is to cover the first sixty lessons this semester. In the second semester the First Year Latin book is completed, and Caesar is begun, and read through the Helvetian war in Book I., or through thirty to thirty-five chapters in the Second Year Latin book. Sight-reading of easy Latin, and the writing of Latin sentences are practiced through the year. The systematic study of Latin Grammar (Allen and Greenough's, preferred), including the subject of indirect discourse, is begun.

The study of Caesar is continued through the first semester of the third year and possibly a fortnight in the second semester. The first four books of Caesar, or all the Caesar in the Second Year Latin book (or an equivalent) are read, and case and clause constructions are taken up in detail. In the second semester Cicero's four orations against Catiline are read. Throughout the year regular exercises in prose composition, (Jones's) and sight reading are required.

In the first semester of the fourth year until the holiday vacation, prose composition is continued, and Cicero's orations for Pompey's Military Command (Mamilian Law) and Archias are read, special attention being given to translation, syntax, and the historical and rhetorical features of the orations, with practice in

sight-reading. After the holidays Vergil is begun, and the first six books of the Aeneid are completed by the end of the year. Besides the study of grammatical forms and constructions, prominence is given to versification, and the figures of speech used by Vergil. In the second semester supplementary work is required in Mythology and Ancient Geography.

GERMAN.

German is pursued during the third and fourth years. The first year is given to the mastery of the essentials of grammar, exercises in composition, practice in conversation, and pronunciation, and the reading of a number of selections in easy prose.

In the second year especial attention will be paid to advanced study of the grammar, and the rules of syntax will be developed by liberal practice in the writing of German. Exercises in sight reading and conversation will be held so far as time will allow. The reading of the more difficult authors will begin, the selections varying from year to year as deemed advisable.

MATHEMATICS.

Arithmetic—Thorough drill in the fundamental principles and operations of arithmetic and their practical applications are given during the first year.

Algebra.—The course in this study extends through four semesters, beginning with the second year, and includes the discussion of fundamental prin-

ciples and operations, simple and quadratic equations, powers and roots, proportion, progressions, series and logarithms. During the second year the work is carried to quadratic equations, and in the second semester of the fourth year the assignment is completed.

Geometry.—Three semesters are devoted to this study beginning with the third year and ending with the first semester of the fourth year. The requirements include plane, solid, and spherical geometry. In addition to the usual assignment in the text, work in inventive and constructive geometry is required. Wentworth's Plane and Solid Geometry is the text used.

PHYSICS.

Physics.—This study is pursued during the fourth year in the Latin-Scientific, and English-Scientific courses. The text is supplemented by lectures and accompanied by laboratory work by the students. The study of the simpler mechanics of solids, fluids, heat, light, sound, magnetism, and electricity, is pursued. The laboratory is supplied with ample apparatus to enable the student to illustrate fully the laws and principles discussed. A laboratory fee of \$2.50 for each semester is charged, and each student is held responsible for his own breakage.

ELEMENTARY BIOLOGY.

Two semesters are devoted to this study. The entire animal kingdom is reviewed, a representative of

each group dissected, and a comparative study is required. The form and structure of the human body, the arrangement of the organs and their functions, and the hygiene of the body are considered. The growth of plants, from seed to seed, their distribution, ecology, organography and physiology are carefully considered. Kingsley's Comparative Zoology, Moore's Elementary Physiology, and Bailey's Botany are the texts. The laboratory fee is \$2.50 for each semester.

ENGLISH.

Orthography.—Formal work in this subject is required of students during the first year; and throughout the entire course all written exercises are made the basis of constant drill in the correct formation of English words.

English Grammar.—Beginning with the first year this study is pursued through three semesters, the first semester of the second year being devoted to a thorough review of the subject. Practice in composition is given in connection with the grammar work.

Rhetoric.—The formal work in English grammar is followed by one and a half semesters in rhetoric. Constant theme writing is required. The Amateur literary society, conducted by preparatory students, gives additional practice in the use of good English, a teacher being the regular critic.

English Classics.—One hour each week throughout the four years is devoted to the study of English

Classics. The authors studied are indicated on page 16 of this catalogue.

Elocution.—Students in the third and fourth years receive regular instruction in elocution by the instructor in that department of the University.

HISTORY.

U. S. History.—The first semester in the first year is devoted to the study of the history of our own country.

English History.—Following the history of the United States in the first year is one semester of English history.

Ancient History.—Ancient history is studied the second semester of the second year. The work involves a brief survey of the Ancient Eastern Monarchies, Grecian and Roman history.

Hebrew and Jewish History.—With “Steele’s Outlines” as a guide and the English Bible as a text, two hours a week of one year are given to the study of Old Testament history. This work is assigned for the second year.

SCHEDULE OF PREPARATORY STUDIES.

CLASSICAL COURSE.

FIRST YEAR.

(Numerals refer to number of recitation periods per week.)

FIRST SEMESTER.

Arithmetic, 5,
English Grammar, 5,
U. S. History, 4,
Orthography, 2,
English Classics, 1.

SECOND SEMESTER.

Arithmetic, 5,
English Grammar, 5,
English History, 4,
Orthography, 2,
English Classics, 1.

SECOND YEAR.

Latin Lessons, 5
Algebra, 4,
English Review, 5,
English Bible, 2,
English Classics, 1.

Cæsar, 5,
Algebra, 4,
Ancient History, 5,
English Bible, 2,
English Classics, 1.

THIRD YEAR.

Cæsar, 5,
Greek Lessons, 5
Geometry, 4,
Biology, 4
English Classics, 1.

Cicero, 5,
Anabasis, 5,
Geometry, 4,
Biology, 4
English Classics, 1.

FOURTH YEAR.

Cicero, 5,
Anabasis, 5,
Solid Geometry, 4,
Rhetoric, 4,
English Classics, 1,
Elocution, 1.

Vergil, 5,
Homer, 5,
Algebra, 4,
Civics, 4,
English Classics, 1,
Elocution, 1.

LATIN-SCIENTIFIC COURSE.

First and Second Years, same as Classical Course.

THIRD YEAR.**FIRST SEMESTER.**

Cæsar, 5,
 Rhetoric, 4,
 Geometry, 4,
 Biology, 4
 English Classics, 1,
 Elocution, 1.

SECOND SEMESTER.

Cicero, 5,
 Civics, 4,
 Geometry, 4,
 Biology, 4
 English Classics, 1,
 Elocution, 1.

FOURTH YEAR.

Cicero, 5,
 German, 5,
 Solid Geometry, 4,
 Physics, 4,
 English Classics, 1,
 Elocution, 1.

Vergil, 5,
 German, 5,
 Algebra, 4,
 Physics, 4,
 English Classics, 1,
 Elocution, 1.

ENGLISH-SCIENTIFIC COURSE.

First and Second Years, same as Classical Course.

THIRD YEAR.**FIRST SEMESTER.**

Cæsar, 5,
 German, 5,
 Geometry, 4,
 Biology, 4
 English Classics, 1,
 Elocution, 1.

SECOND SEMESTER.

Cicero, 5,
 German, 5,
 Geometry, 4,
 Biology, 4
 English Classics, 1,
 Elocution, 1.

FOURTH YEAR.

German, 5,
 Solid Geometry, 4,
 Rhetoric, 4,
 Physics, 4,
 English Classics, 1,
 Elocution, 1.

German, 5,
 Algebra, 4,
 Civics, 4,
 Physics, 4,
 English Classics, 1,
 Elocution, 1.

GENERAL REGULATIONS.

QUOTA OF STUDIES.

The full quota of studies for each student in the College of Letters is usually sixteen hours per week, exclusive of elocution, essays and orations. Any deviation from this rule unless called for by the schedule, requires the recommendation of the adviser and the permission of the faculty. In every case in which additional hours above the schedule are allowed, an extra charge will be made.

EXAMINATIONS.

Written and oral tests are given from time to time during the term, at the option of the teachers. At the close of each semester, a written examination of two hours is given in each study. No student who has been absent from more than a small per cent of the required exercises in any study will be admitted to the semester examination in that study, except by special permission of the faculty. Such permission will be given whenever the faculty are convinced that the absences are not due to culpable negligence.

Students who are absent from semester examinations, or who fail to pass them, will be granted special examinations at specified times; but an extra charge will be made for every such examination, unless the faculty are convinced that the absence or failure was not due to culpable negligence.

GRADES.

Students are graded on their work on a scale of 100. The final grade in any subject is made up from daily recitations, mid-term and final examinations, and such other work as may be assigned by the teacher in charge. Those receiving 90 or upward are classed as first grade; 83 to 90, second grade; 75 to 83, third grade. Those failing to receive 75 are not passed.

UNIVERSITY BILLS.

Tuition in the College of Letters and in the Preparatory School is as follows:

Tuition, each semester.....	\$20.00
Incidentals, each semester.....	5.00

Total, each semester.....	\$25.00
Diploma, each	5.00

The tuition for one study is five dollars a semester; for two studies, or eight hours, ten dollars; for more than eight hours, full tuition; but in each case incidentals must be added. For each additional hour above the required quota one dollar and a quarter will be charged. No extra charge will be made, however, for hours called for by the schedule.

Ministers, ministers' families, and young men holding licenses to preach, pay one-half the above rates for tuition; but full incidentals are included in all bills.

Small laboratory fees are charged for some of the courses. Such fees are stated definitely in connection

with the description of the courses for which they are charged.

All bills are payable invariably in advance.

SCHOLARSHIPS.

The Anderson scholarship of one thousand dollars is the gift of William W. Anderson, of Taylorville, Ill. The beneficiary is named by the donor of the scholarship.

The Florence Cameron scholarship of one thousand dollars is the gift of Mrs. Martha E. Cameron, of Greenfield, Ill., in memory of her daughter. It is not yet available.

The Kumler scholarship of one thousand dollars is the recent gift of Rev. John A. Kumler, D. D., of Springfield, Ill. The beneficiary is named by the founder.

A limited scholarship is sustained by Sain Welty, LL.B., of Bloomington, by the annual payment of fifty dollars for five years, beginning with 1901.

A limited scholarship is assured to Bishop C. C. McCabe, D.D., of Omaha, Neb., by an annual membership subscription of fifty dollars for five years to the Twentieth Century Guild.

A limited scholarship is sustained for five years by Hon. John S. Thompson, of Lacon, Ill., by a fifty dollar membership subscription to the Twentieth Century Guild.

A limited scholarship for five years is sustained by Hon. Leonidas H. Kerrick, of Bloomington, by a fifty dollar annual subscription to the Twentieth Century Guild.

A limited scholarship for five years is sustained by Benjamin F. Harber, of Bloomington, by a fifty dollar annual subscription to the Twentieth Century Guild.

All limited scholarships are at the disposal of the donors, subject to certain restrictions.

All students on scholarships pay full incidentals.

The University will give a scholarship for one year, granting free tuition in the College of Letters, to the graduate having highest rank, of any high school or academy whose courses of study are sufficiently strong to enable its graduates to enter without conditions upon any course in the College of Letters, and will continue such free tuition so long as at least three-fourths of the student's grades shall be first grades and none of them shall be lower than second grade.

At its annual meeting December 14, 1897, The Harvard Club of Chicago established a scholarship at Harvard University of the annual value of three hundred dollars.. This scholarship is open to the graduates of the universities and colleges of Illinois who wish to follow a graduate course of study at Harvard University. Applications must be made before May 1st in each year, and senior students about to finish their undergraduate course are eligible as candidates. Com-

munications should be addressed to Louis M. Greeley, 906 Tacoma Block, Chicago.

BOARD OF EDUCATION.

A limited amount of aid can be obtained in the form of a loan from the Board of Education of the M.E. church, by needy and worthy students who are members of that church. In order to obtain this help, a student must be in actual attendance at the University, in one of its literary schools, and must be recommended by the Faculty.

BOARDING AND ROOMING.

In all cases the places of boarding and rooming are held subject to the approval of the Faculty. Board can be obtained at \$3.50 per week and upward in private families. Many students board in clubs, thus reducing the expense of board from \$2.50 to \$3.00 per week. A list of boarding places may be found at the president's office, where further information concerning board may be obtained. At the beginning of each term the members of the Christian Associations meet the new students at the trains and assist them in securing suitable rooms and boarding places.

Ladies and gentlemen are not permitted to room in the same house.

SELF-HELP.

There are in Bloomington a good number of opportunities for self-help which are open to energetic stu-

dents. Information concerning such places may be obtained from the Student Employment Bureau (see page 15) of the Faculty, with which the Employment Committee of the Y. M. C. A. co-operates. Several students are able in this way to earn a large part of their expenses.

RELIGIOUS SERVICES.

Devotional services, at which the attendance of students is required, are held in the college chapel on each recitation day. Frequently, religious addresses are given by members of the faculty or by visitors.

Attendance on one preaching service each Sabbath is expected of all students, at either of the churches of the city which they may prefer.

Each of the Christian Associations holds a meeting each week, for which a joint meeting is occasionally substituted.

Courses in Bible are offered in the Preparatory School and in the College of Letters.

Students are advised and urged to connect themselves with some local church and attend regularly its services. Teachers take a personal interest in the moral and religious welfare of the students, about nine-tenths of whom are members of the church.

GENERAL EQUIPMENT.

LIBRARIES.

PROFESSOR CALDWELL.

The College Library occupies a large and well lighted room, and is open to students, from eight o'clock a.m. to three p.m., each school day. It contains about eight thousand volumes. The non-resident library, which contains many valuable books, is also accessible to resident students. The valuable library of Ex-president Oliver S. Munsell has been donated by him to the College, and occupies separate shelves, in accordance with the wishes of the donor.

There are several valuable department libraries, some of which are a part of the general library and others are in the rooms of the departments to which they belong.

Contributions are solicited.

The Withers Public Library is open to students and is of great service to them in their school work.

WILDER READING ROOM.

The Wilder Reading Room is located in the library and is under the supervision of the librarian. It is well supplied with newspapers, magazines, and other periodicals. This association has for several years

conducted most successfully the Wesleyan Lecture Course, which has brought to Bloomington some of the ablest platform and concert talent in the country. Never has its course been better patronized or more satisfactory than during the present year.

LABORATORIES.

Chemistry.—The Shellabarger laboratory, donated by Mr. David S. Shellabarger, of Decatur, and a few other friends of the University, has greatly increased the facilities for advanced work in chemistry. It is furnished with modern conveniences, and is supplied with a full line of apparatus for accurate and advanced work. The qualitative laboratory contains all the apparatus necessary for furnishing to each student a separate outfit for performing the experiments in chemistry, and for qualitative and blowpipe work.

The Henry S. Swayne private laboratory, a personal gift to Dr. Graham from Mrs. Swayne, in recognition of her husband's friendship for him, occupies excellent quarters in rooms adjoining the other laboratories, and the University reaps the full benefit of the gift of this thoroughly equipped and highly expensive laboratory in all special and research work.

Physics.—The physical laboratory is well equipped for work in physics. It is supplied with tables, lockers, apparatus, chemicals, water and gas. New apparatus is added as the work demands. The physical library

contains the best works of reference, and the Wilder Reading Room is supplied with the best journals.

Biology.—Three well-lighted rooms are devoted to laboratory work in biology. They are well equipped with lockers, tables, instruments, chemicals, microscopic preparations, etc. New apparatus is added as the work demands. Fresh and preserved marine, land, and fresh-water material for demonstration is constantly on hand. In addition, there is a room which contains large and small aquaria and cages for live material.

There is also a good working library of several hundred volumes in connection with the laboratories. Works of reference are added each year. The Wilder Reading Room contains the best scientific periodicals.

Geology.—A well-lighted room has been supplied with tables and lockers for laboratory work in geology. It is equipped with all the necessary apparatus, chemicals, and material for work in paleontology and mineralogy. The best facilities are provided for determinative mineralogy and blowpipe analysis. During the year apparatus will be provided for an elementary course in assaying. The geological library contains the best books of reference, and the Wilder Reading Room contains the best scientific journals.

THE POWELL MUSEUM.

PROFESSOR HARTZELL, CURATOR.

The Powell Museum was so named in honor of Major J. W. Powell, who was the instructor in natural

science in the University from 1865 to 1868, for years the Director of the U.S. Geological Survey, and now the Director of the Bureau of Ethnology. He has never lost interest in the University and has contributed liberally to the museum. His contributions have stimulated the students, alumni, and friends, and as a result the rooms occupied by the museum, though large, are well filled. The material is in cases and in drawers constructed for the purpose and patterned after those used in our large museums.

In arranging the various collections, two objects are kept in view—the interest of the student and the interest of the public. Accordingly, systematically arranged representatives of all the material are being put in the display cases. This enables the public to see what the museum contains and also makes it attractive. The material which the display represents is arranged with special reference to the student. The groups represented are zoology, botany, geology, mineralogy, archæology and ethnology.

The Powell Museum is not a *large* museum; but it is *good*, and well arranged. It is larger than the majority of museums and contains more material along certain lines than some of our largest. Only a small portion of the material is exposed to view, nine-tenths of it being packed away.

A brief review of the amount and kind of material may be of interest. Besides the numbers given, there are thousands of duplicates for exchange. There are

about forty thousand labeled specimens accessible to visitors. There are about one hundred thousand labeled specimens arranged in drawers for study. These have all been systematically catalogued. The remainder of the material is not catalogued and hence the amount is not known.

Zoology.—There are about ten thousand species of shells from all parts of the world; one thousand species of insects from Europe and America; six hundred species of birds, mostly of America; two hundred mammals; sixty skulls of mammals from North America, South America and Australia, including skulls of cliff dwellers; two hundred miscellaneous specimens of other animals; one hundred clutches of eggs.

Botany.—There are about one thousand species of marine algæ from all parts of the world; six hundred species of ferns from North America, Hawaiian Islands, India, China, Japan, Australia, New Zealand, South America and Europe; five hundred mosses and lichens from North America and Europe; six thousand species of phanerogams from North and South America and Europe, and Australia; and a complete collection of North American woods.

Geology.—A series of rocks representing all the formations from the Archæan to the Quaternary, both European and North American; a series of rocks representing the lithological characters of the various groups; ten casts of vertebrates (extinct); six thousand

invertebrate fossils; and a large collection of geological maps.

Mineralogy.—About one thousand minerals and ores.

Archaeology and Ethnology.—A large collection of Zuni and Moqui utensils, pottery, articles of dress, etc.; several vases, masks, etc., from Mexico; and skulls, bones and utensils of the cliff dwellers.

Curios.—Old coins, articles of dress, relics from battlefields, etc.

Among the best collections are the Lichtenthaler Collection, Harrison Collection, Weems Collection and Holder Collection.

ASTRONOMICAL OBSERVATORY.

This observatory, for which the University is so largely indebted to Mr. A. C. Behr, of Chicago, is an important part of its outfit. A full description may be found on page 38 of this catalogue.

ATHLETIC PARK AND GYMNASIUM.

An ample athletic park, conveniently located, is owned by the University. It is well fenced and tiled, furnished with grand stand and bleachers, and in good condition for all out-door sports. A ball-cage affords opportunity for hand-ball and base-ball practice and a shower bath will be provided for the use of the base-ball and foot-ball players. The excellent gymnasium of the Y.M.C.A. in the city is accessible to students, and a special class for students is organized each year.

FACULTY OF THE COLLEGE OF LAW.

EDGAR MONCENA SMITH, D. D., President of University.

JUDGE OWEN THORNTON REEVES, LL. D., Dean

Negotiable Instruments, Torts, Equity Jurisprudence, Common
Law and Equity Pleading, Evidence and Legal Ethics.

306 W. CHESTNUT.

JUDGE REUBEN MOORE BENJAMIN, LL. D.,

Sales, Real Property and Constitutional Law. 510 E. GROVE.

JOHN JAMES MORRISSEY, LL. B.,

Agency, Partnership and Insurance. 1108 N. MAIN.

JACOB P. LINDLEY, LL. B.,

Elementary Law and Contracts. 703 N. McLEAN

JUDGE ROLLAND A. RUSSELL, LL. B.,

Criminal Law, Wills and Probate Practice. 1207 E. GROVE.

CHARLES LABAN CAPEN, A. M.,

Bailments, Corporations and Damages. 710 N. EAST

DARIUS HARLAN PINGREY, LL. D.,

Personal Property, Suretyship, Conflict of Laws and
International Law.

403 N. CLAYTON

COURSE OF INSTRUCTION.

The design of this school is to give such a training in the fundamental principles of law as will constitute the best preparation for the practice of the profession in any of the United States. In addition, this school will afford an opportunity of special preparation for practice in the State of Illinois; the course covering all the subjects upon which an applicant for admission to the bar of this state is required to be examined. With these objects in view, the course of study, which is designed to occupy the student three full years, will comprise the following subjects, distributed over the several terms:

FIRST YEAR.

FALL TERM.

Walker's American Law. Six hours a week.
Smith on Personal Property. Two hours a week.
Bigelow on Torts. Two hours a week.
Moot Court.

WINTER TERM.

Blackstone's Commentaries. Two hours a week.
Parsons on Contracts. Six hour a week.
May's Criminal Law. Two hours a week.
Moot Court.

SPRING TERM.

Blackstone's Commentaries. Two hours a week.
Parsons on Contracts. Six hour a week.

Reynolds on Evidence. Two hours a week.
Moot Court.

SECOND YEAR.

FALL TERM.

Kent's Commentaries. Two hours a week.
Benjamin's Principles of Contract.
Huffcut on Agency, with cases. Two hours a week.
Lawson on Bailments and Carriers. Two hours a week.
Stephen on Pleading. Two hours a week.
Moore's Civil Justice. One hour a week.
Moot Court.

WINTER TERM.

Kent's Commentaries. Two hours a week.
Meechem's Elements of Partnership, with cases. Two hours a week.
Lawson on Bailments and Carriers, one-half term. Two hours a week.
Elliott on Corporations, last one-half of term. Two hours a week.
Pingrey's Principal and Surety. Two hours a week.
Gould's Pleading. Two hours a week.
Moore's Civil Justice. One hour a week.
Moot Court.

SPRING TERM.

Benjamin's Principles of Sales. Two hours a week.
Elliott on Corporations, completed. Two hours a week.
Bigelow on Bills and Notes. Two hours a week.
Elliott on Insurance. Two hour a week.
Conflict of Laws. Two hours a week.
Moore's Civil Justice. One hour a week.
Moot Court.

THIRD YEAR.

FALL TERM.

Tiedeman on Real Property. Two hours a week.
 Chitty on Pleading. Two hours a week.
 Greenleaf on Evidence. Three hours a week.
 Moore's Criminal Law. Two hours a week.
 Domestic Relations. One hour a week.
 Sedgwick's Elements of Damages, with cases. One hour
 a week.
 Moot Court.

WINTER TERM.

Tiedeman on Real Property. Two hours a week.
 Chitty on Pleading. Two hours a week.
 Bispham's Principles of Equity. Three hours a week.
 Horner's Probate Practice. Two hours a week.
 International Law. One hour a week.
 Sedgwick's Elements of Damages, with cases. One hour
 a week.
 Moot Court.

SPRING TERM.

Cooley's Elements of Torts. Two hours a week.
 Bigelow on Wills, with cases. Two hours a week.
 Shipman's Equity Pleading and Practice. Two hours a
 week.
 Munson's Manual of Elementary Practice, including Le-
 gal Ethics. One hour a week.
 Howe on Civil Law. One hour a week.
 Cooley's Constitutional Law. Two hours a week.
 Moot Court.

ADMISSION.

Candidates for admission must be eighteen years of age, and of good moral character, and must have had a preliminary general education equivalent to that of a graduate of a high

school in this state. In case a candidate has not had such preliminary general education, he may be admitted if, in the judgment of the Faculty, he can bring up his general education to the required standard during his law course, and will obligate himself to do so. To this end, arrangements will be made by which students in the law school may take high school studies in the literary department. No previous course of law reading is required. Students who desire to take a partial course preparatory to examination for admission to the bar, may enter at any time, without examination, and take such studies as they may select, in either the first, second, or third year's course, which are being taught at the time they enter. Applicants for advanced standing will be furnished, upon application, with the conditions upon which they may enter.

METHOD OF INSTRUCTION.

The method adopted is mainly that of daily recitations from the best approved text-books. In the recitations the principles embraced in the text are illustrated by such examples as the student can easily comprehend, and are accompanied by pertinent and abundant references to the statutes and decisions of the state of Illinois, it being the special purpose of the course of instruction to qualify students for the practice of law as it is recognized in the jurisprudence of this state. Special attention is invited to the provisions in the course of study for making the student acquainted with all particulars of practice in this state.

LECTURES.

The old system of teaching by lectures exclusively is discarded, as experience has abundantly shown that the tendency of such a system is to make superficial students. The

student needs to become familiar with the standard text writers on the several branches of the law, so that when he comes to practice he can readily turn to the law treatise where the law on the point he has in hand is found. The lawyer is well read who knows just where to find what he wishes to know. Lectures are used as a means of review and to supplement what is found in the text writers used on some of the branches.

ILLINOIS PRACTICE AND MOOT COURT.

Moot Courts are held throughout the course, the object and result of which is to give the student a practical knowledge of the practice as it prevails in this state.

These courts are under the immediate supervision of the Dean, and the students are required to draw up pleadings and conduct suits at law and in equity, through all their stages; to draw contracts, deeds, wills, etc., and to perform most of the duties which arise in the every-day practice of a lawyer. There are weekly recitations in the parts of the Illinois Statute relating to practice in all forms of action and proceeding.

ADVANTAGES.

One who is not acquainted with both can hardly realize the superiority of a well conducted law school over the method of solitary study usually pursued in an office. The stimulus and friction of class work is a powerful incentive to close, analytical study, while the bringing together of a number of ambitious young men, all anxious to win the laurels of the profession at its very threshold, arouses an enthusiasm which lightens the severest toil. The special advantages of this school are that it is located in a small city, of some twenty-five thousand people, and in an educational center, where

are located the Wesleyan University and the State Normal University. The atmosphere in which the students move is such as to inspire and induce the best habits of study, while there are none of the diversions and excitements which in larger cities tend to distract the attention of the student at a time when his attention needs to be concentrated and fixed upon his work in order to secure the best results. At the same time healthful and invigorating amusements are never wanting in Bloomington, being found in lectures, concerts, and the best musical and theatrical entertainments, as well as athletic exercises upon grounds specially prepared for the purpose. Courts are almost constantly in session during the terms of school.

THE TRUE VALUE OF THE LAW SCHOOL.

There are two primary needs of a law student. First, to gain a clear knowledge of the elementary principles of jurisprudence. This can be best gained by pursuing the study under instructors who are familiar with these principles. The second need is to know how to apply these principles to the facts of any given case. This knowledge can only be imparted by teachers who have had extended experience in making such application of principles to given cases. Hence successful instructors in Law Schools should have had such experience. The teachers in this school have all had such experience in a large measure in actual practice at the bar and upon the bench.

EXAMINATIONS.

There will be an examination at the close of each term upon the studies pursued during the term, which all students must attend, and the result of the examination will furnish

the grade of the student upon those studies, to be used in determining whether, at the end of his course, he will be entitled to a diploma. Students who do not attend regularly the full three years will, if applicants for a diploma, be examined upon the subjects not covered by their term examinations for which an examination fee will be charged. Students who have not been in regular attendance and paid their tuition will be charged the examination fee if they apply to take a term examination.

DEGREE OF BACHELOR OF LAWS.

Students will be admitted to the degree of Bachelor of Laws who have pursued for a period of three years a course of law studies and have spent two years in law school (one of which may be in another law school of recognized standing, with certificate to that effect), but in all cases the applicant for degree must pass satisfactory examinations in all the studies of our course.

ADMISSION TO THE BAR.

By the rules of the Supreme Court, which requires three years' study for admission to the bar, a student is given credit for the required three years who has attended this school for three school years. Attendance upon the school for the nine months which make the school year, is counted one year.

EXPENSES.

The fee for tuition is \$20 per term, payable strictly in advance. The usual fee of \$5 will be charged for the diploma. The books for the entire course, including Illinois Statutes

and Question books, will cost, new, about \$120. Second-hand books may be obtained for less. Board can be obtained in clubs at from \$2 to \$2.25 per week. Lodgings can be had from \$1 to \$1.50 per week. Board and lodging in private families at \$3.50 per week and upwards.

Correspondence should be addressed to

JUDGE OWEN T. REEVES, *Dean*,
Unity Building, N. Main Street, Bloomington, Ill.

WESLEYAN COLLEGE OF MUSIC.

FACULTY AND BRANCHES OF INSTRUCTION.

REV. EDGAR MONCENA SMITH, M. A., D. D.,

President of University.

MR. ERNEST LYNWOOD HERSEY,

Violin, Mandolin and Guitar.

MRS. JOHN ROBERT GRAY,

MISS KATHARINE EVANS,

MISS ELSA E. SWARTZ,

MR. OLIVER ROSS SKINNER,

MISS MABEL CLAIRE JONES,

MISS LOIS ALLEN PITMAN,

MISS KATHERINE YOUNG,

Piano.

MRS. FARIE STEVICK SKINNER,

MRS. HARRY ROUSH,

MR. HENRY WILLIS NEWTON,

Voice Culture and Singing.

MR. OLIVER ROSS SKINNER,

Pipe Organ.

MRS. GRAY,

MR. SKINNER,

MISS EVANS,

MISS JONES,

MISS SWARTZ,

MISS PITMAN,

MISS YOUNG,

Theory, Musical History and Composition.

MISS YOUNG,

The Science of Music for Children and Beginners.

Kindergarten Music Building.

GENERAL REMARKS.

During the past twelve years this College has had a steady and highly satisfactory growth. In this time the enrollment has increased from 250 to over 600. The faculty has been enlarged from two teachers to ten.

This success has been attained without sacrificing the high standards established at the outset, and it is felt that the steady increase in attendance, as well as the high standard attained in the various departments, is evidence that those desiring to obtain a musical education may trust themselves to the institution with entire confidence.

The curriculum covers the necessities and requirements of all students, from those taking the most elementary work to that of the teacher who desires artistic training of the most advanced character. A sincere effort is put forth by the faculty to confer the most substantial benefits. Hundreds of students who have graduated from the College of Music are filling good positions. There is scarcely a State in the Union not represented in the enrollment. Graduates of Boston, New York, Chicago, and even from noted German Conservatories have taken Post-Graduate Courses in the College of Music, and students sufficiently advanced are constantly in demand for concert work.

The heads of the different departments are Diploma Graduates of the leading European conservato-

ries, or of those in Cincinnati and Chicago. Several graduates of the College are filling important positions in Chicago conservatories. Graduates are admitted without question to the higher classes in the European schools.

Piano, voice, violin, violincello, mandolin, guitar, pipe organ, reed organ, theory, musical history, harmony, counterpoint and composition are the different branches taught. Diplomas are given by the University when the student has completed the required course. The College of Music publishes an annual catalogue which gives full information concerning courses of study, tuition, etc., and this will be mailed to any address.

Address the Wesleyan College of Music, Bloomington, Illinois.

WESLEYAN SCHOOL OF ORATORY.

DELMAR DUANE DARRAH, DIRECTOR.

The Wesleyan School of Oratory has gradually grown from a small beginning until the present time, when it enjoys a season of unparalleled prosperity. Connected as it is with a large University, opportunities are offered to students which are not to be otherwise obtained.

The school year consists of three terms and corresponds to that of the University. The full course of study covers two years and comprises instruction in elocution, oratory, dramatic art, physical culture, Delsarte, Shakespeare, rhetoric, orthoepy, English literature. Upon completion of the two years' work the Diploma of the school is granted. A post-graduate course of one year is added for such as may desire more advanced work. It is the aim of the school to develop the individuality of the pupil and to create expressive readers and efficient teachers. The method of instruction is unique and at the outset insures successful work. In addition to the regular class work each pupil receives two private lessons per week during the entire course.

The school offers excellent opportunities for study. Bloomington is a musical and literary center and during the year the finest actors, readers, orators and musicians may be heard. During the past year pupils

from this school assisted in over one hundred concerts and recitals, thereby receiving a practical training much to be desired. A separate catalogue is issued which may be had upon application to the Director. It is urged that all who contemplate entering the school should make known their intention as early as possible, that ample accommodations may be made for all.

DEGREES CONFERRED.

JUNE 1902.

B. A.

R. T. Jones.....	Chrisman
Elizabeth Grace Parker.....	Bloomington
Owen Isom Truitt.....	Tremont
James Alexander West.....	Evanston

B. S.

Ralph Culver Bennett.....	Evanston
Frank Conover Buck.....	Bloomington
Arthur Samuel Chapman.....	Bolivia
Roy Church	McLean
Helen May Dean.....	Bellflower
Charles FitzHenry	Lewistown
Ethel English Howell.....	Bloomington
Thomas Beach Kilgore.....	Bloomington
Thomas Madison Lillard.....	Bloomington
Anita Irene Lundy.....	Metuchen, N. J.
Mary Lucy Probasco.....	Bloomington
Joseph Lorenzo Settles.....	Bloomington
Edward Cyrus Stone.....	Gorham, Me.
George Herbert Thorpe.....	El Paso
Martha Elizabeth Wilcox.....	Minonk

L.L. B.

Martin Brennan	Bloomington
Ellis Levi Bloom.....	Cisna Park
Charles M. Buck.....	Bloomington
Roy Spencer Cone.....	Peoria
William C. Carlock.....	Bloomington
Bertram A. Franklin.....	Lexington

Harry L. Fleming.....	Bloomington
Julius B. Freeman.....	Bloomington
Charles Gooding	Hopedale
Carl James Griswold.....	Ludlow
Paul Grote	Pittsfield
Samuel Wendell Gilbert.....	Atlanta
Richard Franklin Hinman.....	Tremont
Daniel Hogan, Jr.....	Mound City
Albert R. Jones.....	Bloomington
Frank Walter Jones.....	Alvan
William Blake Leach.....	Bloomington
Ervin L. McDuffie.....	Flora
Edward P. Prince.....	Bloomington
J Verne Swartz.....	El Paso
Royal W. Sanders.....	Bloomington
George C. Weaver.....	Pittsfield

NON-RESIDENT DEGREES.

PH. B.

Peter William Anderson.....	Shelburne, Ont.
John Hilary Barnett.....	Kintyre, Ont.
Thomas James Bennett.....	Hamilton, Ont.
Moses Clemens.....	Hespeler, Ont.
Samuel John DeYoung.....	Kempton
Merritt Melvin Harris.....	Lyndonville, Vt.
William Davis Lathrop.....	Kirkwood, N. Y.
James Thomas Pinfold.....	Auckland, New Zealand
John Richelsen.....	Salt Lake City, Utah
Alfred Roebuck.....	Sheffield, Eng.
Henry John Snelgrove.....	Cobourg, Ont.
Horatio Charles Speller.....	Sarnia Ont.
Clyde Renal Travis.....	Mayville, N. D.
Walter Bowman Yount.....	Bridgewater, Va.

M. A.

George Wakefield Andrews.....	Dalton, Mass
Albert Dawkins.....	Florence, Col.
James Eggenberger.....	Dolgeville, N. Y.
Herbert Lincoln Ellsworth.....	Ashley, Pa.
George Henry Howard.....	Springfield, Mass.
Alexander Charles Mackenzie.....	Cleveland, O.
James Redfearn.....	Keighley, Eng.
Weston Vernon.....	Logan, Utah
David Barclay Kirby Walthall.....	Chestnut Hill, Va.

PH. D.

George Wakeman Andrews.....	Dalton, Mass.
(A. B. Williams,) History.	
William Billings Aspinwall.....	Albany, N. Y.
(A. B., Harvard,) Pedagogy.	
Walter Gidinghagen.....	Kansas City, Mo.
(B. L., Cent. Wes. College.) Political Science and History.	
Wilson Thomas Hogue.....	Greenville
(M. A., I. W. U.) Theism.	
John Francis Johnson.....	Tilbury, Ont.
(M. A., I. W. U.) Theism.	
Isaac Hunter Macdonald.....	Glencoe, Ont.
(M. A., I. W. U.) History and Theism.	
Joseph Waite Presby.....	Keanesburg, N. J.
(M. A., I. W. U.) History, and Political and Social Science.	
James Marshall Skinner.....	Wheeling, W. Va.
(Ph. B., U. of W. Va.) Political Economy and History.	
Francis Tuck.....	Newberry, Pa.
(M. A., I. W. U.) Theism.	
David Barclay Kirby Walthall.....	Chestnut Hill, Va.
(B. A., Richmond College.) History and Theism.	

HONORARY DEGREES.

DOCTOR OF DIVINITY.

Charles B. Taylor.....	Bloomington
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DOCTOR OF LAWS.

Henry McCormick, Ph. D.....	Normal
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COLLEGIATE STUDENTS.

SENIORS.

Bent, Horatio Crist.....	E.....	Bloomington
Brown, Francis Earl.....	S.....	Los Angeles, Cal.
Buffe, Fred Gregory.....	L. S.....	Bloomington
Coss, James Austin.....	S.....	Arrowsmith
Fairfield, Myrta Adelia.....	C.....	Ocoya
Ferguson, French Thornhill..	C.....	Bloomington
Ferguson, William Godman..	C.....	Bloomington
Forney, William Rufus.....	L. S.....	Chenoa
Fort, Clara Emily.....	L. S.....	Minonk
Gray, Charles Walter.....	S.....	Chrisman
Hammond, Alfred Sackett....	L. S.....	Bloomington
James, Walter Gilbert.....	C.....	Sparland
Jones, Henry Wagenseller....	L. S.....	Bloomington
Light, James Abraham.....	S.....	Bloomington
Longworth, Parker Russell... E.....		Bloomington
McClure, Elizabeth Delilah... L. S.....		Bloomington
Parker, Christie Ella.....	C.....	Bloomington
Robinson, Charles Judson....	L. S.....	Bloomington
Smedley, Ralph Chestnut....	S.....	Bloomington

JUNIORS.

Atkinson, Carrie Kelsall.....	L. S.....	Bloomington
Barclay, Anna.....	L. S.....	Covell
Bedinger, Nellie.....	L. S.....	Normal
Bedinger, Letitia.....	L. S.....	Normal
Bell, Harry Winstanley.....	L. S.....	Hudson
Benson, James Russell Lowell.	C.....	Bloomington
Cash, Bessie.....	L. S.....	Towanda
Cassaday, Harry Delbert.....	L. S.....	Bloomington

Churchill, Marguerite Aline...	Sp.....	Bloomington
Green, Ralph Marquis.....	L. S.....	Bloomington
Hartley, Daniel Howard.....	C.....	Washington, Va.
Jackson, Henry Theodore....	C.....	Bloomington
Kershaw, Karl.....	L. S.....	Bloomington
Leach, Carrie DeEtta.....	L. S.....	Bloomington
Leighty, Clyde Evert.....	C.....	Lawrencville
Love, Harry Houser.....	L. S.....	Bloomington
McFadden, John Hill.....	E.....	Arcola
McIntire, Grace.....	L. S.....	Newman
Poundstone, Frank Russell... L. S.....		Grand Ridge
Smith, Paul Augustus.....	C.....	Bloomington
Stewart, Frank A.....	C.....	Lexington
Wiley, Edward Hamilton....	C.....	Normal

SOPHOMORES.

Anthony, Lon Kerrick.....	L. S.....	Bloomington
Brockman, Marion Cline....	S.....	Mt. Sterling
Brown, Benjamin Franklin... L. S.....		Crescent City
Burris, Milton Dwight.....	L. S.....	Jackson, O.
DeForest, Calvert Martin....	Sp.....	Rockford
Dunn, Stella May.....	E.....	Bloomington
*Evelsizer, Charles Henry....	L. S.....	Bloomington
Finley, Rolla B.....	L. S.....	West Ridge
Fleming, Joseph Barclay....	E.....	Carbon Hill
Graham, Chester Campbell... L. S.....		Bloomington
Griffith, John Miller.....	E.....	Rankin
Hamand, Charles Wesley....	C.....	LeRoy
Hitch, Frederick Ashton....	C.....	Bloomington
Hoult, Annette Carrie.....	L. S.....	Cherry Point
Hoult, Everett W.....	L. S.....	Cherry Point
Humes, Arthur Holyoke.....	S.....	Bloomington
James, George Edgar.....	E.....	Rochester
Jones, U. V.....	L. S.....	Chrisman

*Deceased.

Lott, Irene Dale.....	L. S.....	Heyworth
Martin, Lester Henry.....	E.....	Colfax
McCauley, Wallace Graham... L. S.....		Rankin
McIntosh, Adella Faith.....	L. S.....	Bloomington
Noble, Clark.....	C.....	Otterville
Pierson, Joseph Brelsford....	C.....	Chicago
Ritchie, Lorne Stanley Barnet.	L. S.....	Valley City, N. D.
Russell, Mildred.....	L. S.....	Sheffield
Smith, Marguerite Hauschild.	L. S.....	Bloomington
Sudduth, Mabel.....	L. S.....	Saybrook
Thompson, Zella.....	L. S.....	Melvin
Wilson, Eva Florence.....	L. S.....	Watertown, S. D.

FRESHMEN.

Baldrige, Margaret.....	C.....	Bloomington
Beggs, Nellie.....	L. S.....	Ashland
Blair, McCreia Parker.....	S.....	Chicago
Bloomer, Ernest Napoleon....	L. S.....	Bloomington
Bowen, Roy.....	Sp.....	Hoopeston
Brown, Alfred Orcutt.....	C.....	Bloomington
Buckles, Nolan Anderson....	S.....	LeRoy
Chapin, Mary Grace.....	L. S.....	Bloomington
Coss, Ezekiel Samuel.....	L. S.....	Arrowsmith
Cullom, Leslie Ninde.....	L. S.....	El Paso
Denton, Clyde Trowbridge....	C.....	Normal
Dudman, Virgil Ernest.....	L. S.....	Toluca
Elliott, John Ross.....	L. S.....	Hoopeston
Flagge, Walter Stanley.....	C.....	Batchtown
Gingerich, Bertha Jeanette....	E.....	Stanford
Haslam, Julia.....	L. S.....	Moweauqua
Hayes, Frank Howard.....	L. S.....	Bloomington
Hempstead, Bert Eugene....	C.....	Bloomington
Jarred, Bettie Elizabeth.....	Sp.....	Mackinaw
Jeffers, Dwight Smithson....	C.....	Kansas
Johnson, Walter Sudduth....	Sp.....	Normal

Jones, Roy Bergstresser.....	S.....	Bloomington
Kershaw, Ruth Emeline.....	E.....	Bloomington
Kyner, Charles Leslie.....	C.....	Martinsburg, W. Va.
Langdon, Lenora Elizabeth...	C.....	Normal
Lanz, Anna.....	L. S.....	Kerrick
Lee, Jean.....	L. S.....	Atlanta
Lillard, Paul.....	C.....	Bloomington
Livingston, Irvin.....	C.....	Bloomington
Marden, Alice Ruth.....	L. S.....	Bloomington
McDaniel, Fannie Jemima....	Sp.....	Buffalo
McIntire, Ruhama Louise....	Sp.....	Newman
McPherson, Harry Wright...	L. S.....	Toledo
Mercer, Whedon Worley....	S.....	Brimfield
Miller, Lola Isabelle.....	L. S.....	Bloomington
Miller, George Washington...	E.....	Bloomington
Munch, Henry Curtis.....	L. S.....	Lovington
Naffziger, Clara.....	S.....	Dwight
Noble, Albert Vernon.....	C.....	Brooten, Minn.
Pearce, Frederick U.....	L. S.....	White Hall
Parker, Emma Ruth.....	C.....	Bloomington
Roe, Elizabeth Sterling.....	L. S.....	Bloomington
Rose, Helen.....	L. S.....	Paris
Schermerhorn, Ernest Mark..	Sp.....	Kinmundy
Skaggs, Allen Orrin.....	L. S.....	Waggoner
Smith, Robert Ernest.....	Sp.....	Sparland
Taylor, Nellie Sheldon.....	L. S.....	Bloomington
Tillbury, Charles Morgan....	L. S.....	Lexington
Veach, James Dudman.....	S.....	Normal
Wilkins, Lee.....	C.....	Richwood, O.
Winans, Leroy Alva.....	C.....	Bloomington
Yates, Max.....	C.....	Bloomington

UNCLASSIFIED.

Baker, Beulah Louise.....	Bloomington
Bell, Mabel	Hudson
Brattstrom, Victor	Bloomington
Dick, George Frederick, Jr.....	Bloomington
Freeman, Julius Buckingham.....	Bloomington
Galeener, Wilber Fisk.....	Danville
Givens, John Paris.....	Normal
Howell, Louie	Bloomington
Ilsley, Charles Thomas.....	Normal
Love, James J.....	Bloomington
Luxton, Mabel Gertrude.....	East Lynn
Mammen, Vera Marie.....	Bloomington
Moore, Edna May.....	Bloomington
Reeves, Mary Mabelle.....	Bloomington
Robinson, Laurence Eugene.....	Bloomington
Sugano, Tokusuke.....	Tokio, Japan
Truitt, Ella	Bloomington
Williams, Lucy Parke.....	Bloomington

PREPARATORY STUDENTS.

FOURTH YEAR.

Arrowsmith, Nellie.....	Arrowsmith
Baxter, S. Edith.....	Elvaston
Bogardus, Roy C.....	Deer Creek
Bonnett, Yontz.....	Bloomington
Buckey, Lena.....	Normal
Burgess, Carrie.....	Monica
Conard, James S.....	Normal
Cowan, Henry J.....	Bloomington
Gazelle, Alfred.....	Bloomington
Gordon, Samuel R.....	Dunlap
Hanson, Frank.....	Fifer
Hills, Lester	Onarga
Hoult, Martha.....	Cherry Point
Kuhn, Louis.....	Normal
Myers, Clyde H.....	Randolph
Powell, Henry F.....	Neoga
Staubus, Chester.....	Deer Creek
Stewart, Oscar.....	Kenney
Taylor, Jay C. S.....	Bloomington
Watkins, Charles C.....	Bloomington
Whitwood, Mae E.....	Holder
Wiley, Earl.....	Normal
Witcher, Lee.....	Cotopaxi, Col.
Wright, Charles H.....	McLean
Yates, Darby.....	Bloomington

THIRD YEAR.

Butterworth, Arthur.....	Bloomington
Campbell, Frank D.....	Clayton

Castle, Gertrude.....	Gridley
Castle, Hattie.....	Gridley
Chamberlain, Ray W.....	Fisher
Coyle, Bertha.....	Gridley
Cunningham, Bert.....	Saybrook
Derrough, Harry O.....	Buckley
Derrough, Nicholas A.....	Buckley
Fairfield, Roy.....	Snider
Freeman, Frank.....	Heyworth
Foster, Alice B.....	Shirley
Fruin, Elizabeth.....	Bloomington
Funk, De Loss.....	Shirley
Gossard, Holbert E.....	Bloomington
Hays, Grace.....	Bloomington
Hays, Roy.....	Bloomington
Heafer, Roscoe.....	Bloomington
Heinlein, Arthur.....	Blue Mound
Honnold, Lonney G.....	Kansas
Keys, Ethel.....	Beason
Keys, Hester O.....	Beason
Mammen, Harry P.....	Bloomington
McConkey, George W.....	Padua
McKibben, Curtis.....	Groveland
McMahon, Curtman.....	Palmyra
Miller, Richard.....	Henning
Snell, Harry C.....	Bloomington
Sparks, Theresa.....	Springfield
Straight, Lyle F.....	Bellflower
Strickland, Charles.....	Chicago
Triplett, Grace.....	Cherry Point
Walker, Walter.....	Bloomington
Whipple, Merrick.....	Lostant
White, Chloe.....	Bloomington
Whitney, Max.....	Lostant
Young, Ione.....	Athens

SECOND YEAR.

Arenz, Walter.....	Bloomington
Arrowsmith, Emma.....	Arrowsmith
Bane, Ethel.....	Anchor
Barclay, Howard.....	Covel
Burke, Earl.....	Bloomington
Burke, Ray.....	Bloomington
Cassell, Frank N.....	Bloomington
Cassell, George E.....	Bloomington
Clark, James.....	Bloomington
Craig, Frances.....	Rowell
Crothwait, Bruce.....	Bloomington
Dever, F. Maude.....	Bloomington
Dinsmore, Robert E.....	Chrisman
Dunmire, Lester L.....	El Paso
Flagg, William A.....	Rankin
Gaskell, Mary E.....	Oconee
Green, Bernice.....	Bloomington
Guthrie, Bernardine.....	Bloomington
Hetfield, Miller.....	Normal
Hinds, George D.....	Kinderhook
Hull, Rennie.....	Bloomington
Hyndman, Frank.....	Elvaston
Jones, Marshall.....	Gibson City
Kelly, Guy.....	Bloomington
Knight, Rene E.....	Warrensburg
Kuhn, Waldo A.....	Normal
Leighty, Frank.....	Lawrenceville
Lillard, John T.....	Bloomington
Longworth, Clifford R.....	Bloomington
Longworth, Varner.....	Bloomington
Ludwig, Gertrude.....	Muncie
Ludwig, Harry.....	Muncie
Mace, Ruth.....	Bloomington
Marshall, Edna.....	Normal

McFarland	Bloomington
Myers, Alpha E.....	Randolph
Ormgdulph, Asa.....	Normal
Rector, Lornie M.....	Long View
Ropp, Edwin O.....	Bloomington
Stubblefield, Howard.....	Covel
Taylor, Willis R.....	Bloomington
Watkins, Clara.....	Bloomington
White, Bessie.....	Bloomington
Young, George.....	Toledo

FIRST YEAR.

Fawyer, Ernest.....	Arrowsmith
Hills, Kittie C.....	Bloomington
Killian, Learned.....	Normal
Noble, Sidney.....	McLean
Otto, Gertie.....	Yuton

LAW STUDENTS.

THIRD YEAR CLASS.

Aldrich, John C.....	Normal
Bracken, Leonidas Lock.....	Brookville, Ind.
Burke, A. A.....	Washburn
Cowan, Alan D.....	Bloomington
Duffin, Parke S.....	Hoopeston
Ewing, Charles A.....	Decatur
Gerber, S. N.....	Decatur
Hanson, Francis Owen.....	Fifer
Huggins, Earl.....	Kinmundy
Keogh, Timothy.....	Bloomington
Knowles, W. E.....	Bloomington
Kissenger, Herman Dick.....	Quincy
Luecke, Martin.....	Springfield
Martin, Lester Henry.....	Colfax
McCullough, William G.....	Tabor
Takahashi, Kisaya	Tokio, Japan

SECOND YEAR.

Church, Theodore.....	Bloomington
Costello, James J.....	Bloomington
Duffin, Frank D.....	Hoopeston
Gillespie, Thomas E.....	Vienna
Graham, Thomas A.....	Hoopeston
Hiltabrand, B. F. Jr.....	Bloomington
Hoose, Milton M.....	Atlanta
McFadden, John Hill.....	Arcola
Morrissey, William L.....	Bloomington
Muxfield, Walter C.....	Bloomington
Pacey, Thomas.....	Brimfield

Roedel, Charles K.....	Shawneetown
Wilder, Paul Buck.....	Bloomington
Wierman, Elza Virgil.....	Altamont

FIRST YEAR.

Braentigan, Fred Jordan.....	Belleville
Cameron, E. D.....	Elliott
Cowan, Henry J.....	Bloomington
David, Jesse M.....	Galesburg
Griffin, Virgil M. F.....	Bloomington
Lillard, Erwin R.....	Bloomington
Montgomery, Hugh F.....	Bloomington
Newton, Charles D.....	Springfield
Smith, Robert E.....	Sparland
Swartz, Ralph B.....	El Paso
Tuesburg, L. Wilbur.....	Pontiac
Wilson, William.....	Chicago

SUMMARY OF STUDENTS.

COLLEGE OF LETTERS.

Graduate Class of 1902.....	19
Postgraduates	3
Seniors	19
Juniors	22
Sophomores	30
Freshmen	52
Unclassified	18—144

PREPARATORY SCHOOL.

Fourth Year	25
Third Year	37
Second Year	44
First Year	5—III

COLLEGE OF LAW.

Graduate Class of 1902.....	22
Third Year	16
Second Year	14
First Year	12— 42

COLLEGE OF MUSIC.

Piano	354
Theory	162
Voice	176
Violin	98

790

Less number counted more than once.....	575
School of Oratory	65
Non-resident Students	546

Total of students enrolled in the University ... 1524
 Grand total, less number counted more than once, 1516